

Proportions - similar figures - word problems

Solve tasks by rounding answer to the nearest whole number:

- 1) A model tree has a scale of 1 cm : 2 m. If the model tree is 6 cm tall then how tall is the real tree?
- 2) A model train has a scale of 1 in : 2 ft. If the real train is 12 ft tall then how tall is the model train?
- 3) A model giraffe has a scale of 1 in : 3 ft. If the model giraffe is 4 in tall then how tall is the real giraffe?
- 4) A particular train is 12 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 5) A model motorcycle has a scale of 1 in : 3 ft. If the model motorcycle is 3 in long then how long is the real motorcycle?
- 6) A particular submarine is 10 m long. A model of it was built with a scale of 1 cm : 2 m. How long is the model?
- 7) A particular tree is 12 m tall. A model of it was built with a scale of 1 cm : 3 m. How tall is the model?
- 8) A model giraffe is 5 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real giraffe?
- 9) A model statue is 10 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real statue?
- 10) A particular igloo is 9 ft wide. A model of it was built with a scale of 1 in : 3 ft. How wide is the model?
- 11) A particular motorcycle is 10 ft long. A model of it was built with a scale of 1 in : 2 ft. How long is the model?
- 12) A model satellite has a scale of 1 in : 3 ft. If the model satellite is 6 in wide then how wide is the real satellite?
- 13) A model statue is 8 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real statue?
- 14) A model power plant is 2 cm tall. If it was built with a scale of 1 cm : 6 m then how tall is the real power plant?
- 15) A model house has a scale of 1 cm : 7 m. If the model house is 2 cm wide then how wide is the real house?
- 16) A particular statue is 12 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 17) A model train has a scale of 1 in : 5 ft. If the model train is 3 in tall then how tall is the real train?
- 18) A particular igloo is 15 ft wide. A model of it was built with a scale of 1 in : 5 ft. How wide is the model?
- 19) A model submarine is 5 in long. If it was built with a scale of 1 in : 2 ft then how long is the real submarine?
- 20) A model house has a scale of 1 cm : 2 m. If the real house is 12 m tall then how tall is the model house?
- 21) A model plane has a scale of 1 cm : 4 m. If the model plane is 4 cm long then how long is the real plane?
- 22) A model car is 4 in long. If it was built with a scale of 1 in : 3 ft then how long is the real car?
- 23) A model rocket has a scale of 1 cm : 2 m. If the model rocket is 5 cm tall then how tall is the real rocket?
- 24) A particular statue is 14 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 25) A model plane has a scale of 1 in : 5 ft. If the model plane is 3 in tall then how tall is the real plane?
- 26) A model plane has a scale of 1 cm : 4 m. If the real plane is 16 m tall then how tall is the model plane?
- 27) A particular house is 15 m wide. A model of it was built with a scale of 1 cm : 3 m. How wide is the model?
- 28) A model igloo is 6 in wide. If it was built with a scale of 1 in : 2 ft then how wide is the real igloo?
- 29) A model train has a scale of 1 in : 4 ft. If the real train is 12 ft tall then how tall is the model train?
- 30) A model giraffe is 3 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real giraffe?

- 31) A model giraffe has a scale of 1 in : 6 ft. If the model giraffe is 2 in tall then how tall is the real giraffe?
- 33) A model plane has a scale of 1 in : 3 ft. If the real plane is 12 ft tall then how tall is the model plane?
- 35) A model building has a scale of 1 cm : 4 m. If the real building is 16 m tall then how tall is the model building?
- 37) A particular house is 15 m tall. A model of it was built with a scale of 1 cm : 3 m. How tall is the model?
- 39) A model car has a scale of 1 in : 9 ft. If the model car is 2 in long then how long is the real car?
- 41) A particular house is 16 m wide. A model of it was built with a scale of 1 cm : 4 m. How wide is the model?
- 43) A particular power plant is 10 m tall. A model of it was built with a scale of 1 cm : 5 m. How tall is the model?
- 45) A model house has a scale of 1 cm : 2 m. If the real house is 10 m tall then how tall is the model house?
- 47) A model giraffe is 7 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real giraffe?
- 49) A model satellite is 2 in wide. If it was built with a scale of 1 in : 8 ft then how wide is the real satellite?
- 51) A model motorcycle is 2 in long. If it was built with a scale of 1 in : 5 ft then how long is the real motorcycle?
- 53) A model satellite is 2 cm wide. If it was built with a scale of 1 cm : 9 m then how wide is the real satellite?
- 55) A model power plant is 4 cm tall. If it was built with a scale of 1 cm : 3 m then how tall is the real power plant?
- 57) A model plane has a scale of 1 cm : 5 m. If the real plane is 20 m long then how long is the model plane?
- 59) A model plane has a scale of 1 in : 2 ft. If the real plane is 14 ft tall then how tall is the model plane?
- 61) A model house has a scale of 1 cm : 3 m. If the real house is 12 m tall then how tall is the model house?
- 63) A model car has a scale of 1 in : 2 ft. If the real car is 20 ft long then how long is the model car?
- 32) A model house is 6 cm wide. If it was built with a scale of 1 cm : 2 m then how wide is the real house?
- 34) A model house has a scale of 1 cm : 8 m. If the real house is 16 m wide then how wide is the model house?
- 36) A model house is 3 cm tall. If it was built with a scale of 1 cm : 6 m then how tall is the real house?
- 38) A model house has a scale of 1 in : 5 ft. If the model house is 3 in wide then how wide is the real house?
- 40) A model igloo has a scale of 1 in : 3 ft. If the real igloo is 12 ft wide then how wide is the model igloo?
- 42) A model train has a scale of 1 in : 2 ft. If the model train is 5 in tall then how tall is the real train?
- 44) A model plane has a scale of 1 in : 3 ft. If the model plane is 7 in tall then how tall is the real plane?
- 46) A particular statue is 16 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 48) A model plane is 4 cm long. If it was built with a scale of 1 cm : 4 m then how long is the real plane?
- 50) A model plane is 4 in tall. If it was built with a scale of 1 in : 3 ft then how tall is the real plane?
- 52) A model house is 5 cm wide. If it was built with a scale of 1 cm : 3 m then how wide is the real house?
- 54) A particular plane is 20 m long. A model of it was built with a scale of 1 cm : 4 m. How long is the model?
- 56) A particular plane is 12 ft tall. A model of it was built with a scale of 1 in : 6 ft. How tall is the model?
- 58) A particular statue is 15 ft tall. A model of it was built with a scale of 1 in : 5 ft. How tall is the model?
- 60) A model tree has a scale of 1 cm : 7 m. If the real tree is 21 m tall then how tall is the model tree?
- 62) A model house has a scale of 1 cm : 4 m. If the model house is 3 cm tall then how tall is the real house?
- 64) A model train has a scale of 1 in : 2 ft. If the model train is 7 in tall then how tall is the real train?

- 65) A particular train is 18 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 67) A model giraffe has a scale of 1 in : 2 ft. If the model giraffe is 7 in tall then how tall is the real giraffe?
- 69) A particular satellite is 14 m wide. A model of it was built with a scale of 1 cm : 7 m. How wide is the model?
- 71) A model plane has a scale of 1 in : 4 ft. If the real plane is 12 ft tall then how tall is the model plane?
- 73) A model train has a scale of 1 in : 3 ft. If the real train is 15 ft tall then how tall is the model train?
- 75) A model plane has a scale of 1 cm : 3 m. If the real plane is 18 m tall then how tall is the model plane?
- 77) A model train is 3 in tall. If it was built with a scale of 1 in : 7 ft then how tall is the real train?
- 79) A model train has a scale of 1 in : 3 ft. If the model train is 6 in tall then how tall is the real train?
- 81) A particular statue is 16 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 83) A model house is 7 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real house?
- 85) A particular statue is 20 ft tall. A model of it was built with a scale of 1 in : 4 ft. How tall is the model?
- 87) A particular satellite is 12 ft wide. A model of it was built with a scale of 1 in : 6 ft. How wide is the model?
- 89) A model car has a scale of 1 in : 3 ft. If the model car is 8 in long then how long is the real car?
- 91) A model rocket has a scale of 1 cm : 7 m. If the real rocket is 14 m tall then how tall is the model rocket?
- 93) A model house has a scale of 1 cm : 4 m. If the model house is 5 cm wide then how wide is the real house?
- 95) A model car is 6 in long. If it was built with a scale of 1 in : 2 ft then how long is the real car?
- 97) A particular statue is 20 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 66) A model car is 7 in long. If it was built with a scale of 1 in : 2 ft then how long is the real car?
- 68) A particular giraffe is 18 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 70) A model statue has a scale of 1 in : 9 ft. If the real statue is 18 ft tall then how tall is the model statue?
- 72) A model train has a scale of 1 in : 4 ft. If the real train is 12 ft tall then how tall is the model train?
- 74) A model car is 3 in long. If it was built with a scale of 1 in : 4 ft then how long is the real car?
- 76) A model igloo has a scale of 1 in : 6 ft. If the model igloo is 2 in wide then how wide is the real igloo?
- 78) A model plane is 4 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real plane?
- 80) A model house is 9 cm wide. If it was built with a scale of 1 cm : 2 m then how wide is the real house?
- 82) A particular house is 16 ft wide. A model of it was built with a scale of 1 in : 2 ft. How wide is the model?
- 84) A model rocket has a scale of 1 cm : 4 m. If the real rocket is 20 m tall then how tall is the model rocket?
- 86) A model satellite has a scale of 1 cm : 2 m. If the real satellite is 12 m wide then how wide is the model satellite?
- 88) A model plane has a scale of 1 cm : 8 m. If the model plane is 2 cm tall then how tall is the real plane?
- 90) A model train has a scale of 1 in : 3 ft. If the model train is 5 in tall then how tall is the real train?
- 92) A model train has a scale of 1 in : 2 ft. If the real train is 14 ft tall then how tall is the model train?
- 94) A model tree has a scale of 1 cm : 3 m. If the real tree is 18 m tall then how tall is the model tree?
- 96) A model giraffe has a scale of 1 in : 3 ft. If the model giraffe is 4 in tall then how tall is the real giraffe?
- 98) A model power plant has a scale of 1 cm : 3 m. If the real power plant is 15 m tall then how tall is the model power plant?

- 99) A particular car is 14 ft long. A model of it was built with a scale of 1 in : 2 ft. How long is the model?
- 101) A 10 ft tall adult elephant standing next to a statue casts a 5 ft shadow. If the statue casts a shadow that is 6 ft long then how tall is it?
- 103) A 12 ft tall statue standing next to a car casts a 16 ft shadow. If the car casts a shadow that is 8 ft long then how tall is it?
- 105) A bird bath that is 3 ft tall casts a shadow that is 5 ft long. Find the height of a tree that casts a 20 ft shadow.
- 107) A model motorcycle has a scale of 1 in : 3 ft. If the model motorcycle is 4 in long then how long is the real motorcycle?
- 109) A model giraffe has a scale of 1 in : 7 ft. If the model giraffe is 2 in tall then how tall is the real giraffe?
- 111) A telephone booth that is 8 ft tall casts a shadow that is 2 ft long. Find the length of the shadow that a 4 ft baby elephant casts.
- 113) If a 6 ft tall woman casts a 12 ft long shadow then how long is the shadow that a 8 ft tall adult elephant casts?
- 115) A 8 ft tall telephone booth standing next to a woman casts a 12 ft shadow. If the woman is 6 ft tall then how long is her shadow?
- 117) A 2 ft tall cardboard box standing next to a baby elephant casts a 5 ft shadow. If the baby elephant casts a shadow that is 10 ft long then how tall is it?
- 119) A particular statue is 10 ft wide. A model of it was built with a scale of 1 in : 2 ft. How wide is the model?
- 121) A model satellite is 2 in wide. If it was built with a scale of 1 in : 9 ft then how wide is the real satellite?
- 123) If a 4 ft tall bird bath casts a 10 ft long shadow then how tall is a petrified stump that casts a 20 ft shadow?
- 125) A 6 ft tall petrified stump standing next to an adult elephant casts a 10 ft shadow. If the adult elephant casts a shadow that is 15 ft long then how tall is it?
- 127) A man that is 6 ft tall casts a shadow that is 3 ft long. Find the length of the shadow that a 18 ft statue casts.
- 129) A statue that is 16 ft tall casts a shadow that is 8 ft long. Find the height of an adult giraffe that casts a 9 ft shadow.
- 100) A model rocket has a scale of 1 in : 3 ft. If the model rocket is 6 in tall then how tall is the real rocket?
- 102) If a 2 ft tall lawn casts a 1 ft long shadow then how long is the shadow that a 16 ft tall statue casts?
- 104) A model train is 3 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real train?
- 106) A particular train is 18 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 108) A model train is 9 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real train?
- 110) A model giraffe has a scale of 1 in : 5 ft. If the real giraffe is 10 ft tall then how tall is the model giraffe?
- 112) A 10 ft tall statue standing next to a woman casts a 20 ft shadow. If the woman is 6 ft tall then how long is her shadow?
- 114) A cardboard box that is 3 ft tall casts a shadow that is 5 ft long. Find the height of a telephone booth that casts a 15 ft shadow.
- 116) A model statue is 6 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real statue?
- 118) A particular satellite is 20 ft wide. A model of it was built with a scale of 1 in : 5 ft. How wide is the model?
- 120) A model train has a scale of 1 in : 4 ft. If the real train is 12 ft tall then how tall is the model train?
- 122) A 4 ft tall petrified stump standing next to a baby giraffe casts a 8 ft shadow. If the baby giraffe is 8 ft tall then how long is its shadow?
- 124) An adult giraffe that is 18 ft tall casts a shadow that is 12 ft long. Find the height of a lawn that casts a 2 ft shadow.
- 126) A model satellite has a scale of 1 cm : 2 m. If the real satellite is 16 m wide then how wide is the model satellite?
- 128) A model rocket has a scale of 1 cm : 6 m. If the real rocket is 18 m tall then how tall is the model rocket?
- 130) A particular train is 21 ft tall. A model of it was built with a scale of 1 in : 7 ft. How tall is the model?

- 131) A model igloo has a scale of 1 in : 4 ft. If the real igloo is 12 ft wide then how wide is the model igloo?
- 133) If a 6 ft tall cardboard box casts a 3 ft long shadow then how long is the shadow that a 4 ft tall bird bath casts?
- 135) If a 8 ft tall telephone booth casts a 12 ft long shadow then how long is the shadow that a 6 ft tall petrified stump casts?
- 137) A model plane has a scale of 1 cm : 4 m. If the model plane is 3 cm tall then how tall is the real plane?
- 139) A particular house is 14 m wide. A model of it was built with a scale of 1 cm : 2 m. How wide is the model?
- 141) A particular statue is 10 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 143) A model motorcycle has a scale of 1 in : 3 ft. If the real motorcycle is 12 ft long then how long is the model motorcycle?
- 145) A 2 ft tall globe standing next to a ladder casts a 1 ft shadow. If the ladder casts a shadow that is 7 ft long then how tall is it?
- 147) A ladder that is 20 ft tall casts a shadow that is 15 ft long. Find the height of a bird bath that casts a 3 ft shadow.
- 149) A model car has a scale of 1 in : 2 ft. If the model car is 8 in long then how long is the real car?
- 151) A model igloo is 2 in wide. If it was built with a scale of 1 in : 6 ft then how wide is the real igloo?
- 153) A 2 ft tall globe standing next to a lawn casts a 7 ft shadow. If the lawn is 4 ft tall then how long is its shadow?
- 155) A globe that is 2 ft tall casts a shadow that is 6 ft long. Find the height of a baby giraffe that casts a 18 ft shadow.
- 157) A particular giraffe is 9 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 159) A model power plant is 3 cm tall. If it was built with a scale of 1 cm : 3 m then how tall is the real power plant?
- 161) A particular statue is 18 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 132) If a 15 ft tall statue casts a 10 ft long shadow then how tall is a ladder that casts a 8 ft shadow?
- 134) A 10 ft tall statue standing next to a woman casts a 6 ft shadow. If the woman is 5 ft tall then how long is her shadow?
- 136) A 2 ft tall globe standing next to a telephone booth casts a 4 ft shadow. If the telephone booth is 8 ft tall then how long is its shadow?
- 138) A telephone booth that is 9 ft tall casts a shadow that is 6 ft long. Find the length of the shadow that a 6 ft woman casts.
- 140) A model rocket has a scale of 1 cm : 4 m. If the model rocket is 5 cm tall then how tall is the real rocket?
- 142) A model statue is 6 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real statue?
- 144) A woman that is 6 ft tall casts a shadow that is 9 ft long. Find the length of the shadow that a 2 ft lawn casts.
- 146) A baby giraffe that is 6 ft tall casts a shadow that is 9 ft long. Find the height of a bird bath that casts a 6 ft shadow.
- 148) A 15 ft tall statue standing next to a car casts a 20 ft shadow. If the car is 6 ft tall then how long is its shadow?
- 150) A model satellite has a scale of 1 cm : 10 m. If the model satellite is 2 cm wide then how wide is the real satellite?
- 152) A model giraffe is 5 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real giraffe?
- 154) A 18 ft tall adult giraffe standing next to a baby elephant casts a 9 ft shadow. If the baby elephant casts a shadow that is 2 ft long then how tall is it?
- 156) A 6 ft tall car standing next to a telephone booth casts a 12 ft shadow. If the telephone booth is 9 ft tall then how long is its shadow?
- 158) A model tree has a scale of 1 in : 2 ft. If the model tree is 10 in tall then how tall is the real tree?
- 160) A model statue is 7 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real statue?
- 162) A 3 ft tall baby elephant standing next to a tent casts a 5 ft shadow. If the tent is 9 ft tall then how long is its shadow?

- 163) A 16 ft tall adult giraffe standing next to a man casts a 8 ft shadow. If the man is 6 ft tall then how long is his shadow?
- 165) If a 4 ft tall bird bath casts a 6 ft long shadow then how tall is an adult elephant that casts a 15 ft shadow?
- 167) A model satellite has a scale of 1 in : 4 yd. If the model satellite is 4 in wide then how wide is the real satellite?
- 169) A particular satellite is 16 m wide. A model of it was built with a scale of 1 cm : 2 m. How wide is the model?
- 171) A woman that is 6 ft tall casts a shadow that is 8 ft long. Find the height of a telephone booth that casts a 12 ft shadow.
- 173) A statue that is 16 ft tall casts a shadow that is 8 ft long. Find the length of the shadow that a 4 ft baby elephant casts.
- 175) A cardboard box that is 6 ft tall casts a shadow that is 3 ft long. Find the height of a flagpole that casts a 8 ft shadow.
- 177) A model statue is 4 in tall. If it was built with a scale of 1 in : 3 ft then how tall is the real statue?
- 179) If a 6 ft tall baby giraffe casts a 9 ft long shadow then how tall is a telephone booth that casts a 12 ft shadow?
- 181) A 4 ft tall car standing next to a statue casts a 2 ft shadow. If the statue is 16 ft tall then how long is its shadow?
- 183) A model igloo is 5 in wide. If it was built with a scale of 1 in : 2 ft then how wide is the real igloo?
- 185) A model house is 2 cm tall. If it was built with a scale of 1 cm : 6 m then how tall is the real house?
- 187) A car that is 6 ft tall casts a shadow that is 3 ft long. Find the height of an adult giraffe that casts a 9 ft shadow.
- 189) A 8 ft tall baby giraffe standing next to a bird bath casts a 20 ft shadow. If the bird bath casts a shadow that is 10 ft long then how tall is it?
- 191) A model motorcycle has a scale of 1 in : 5 ft. If the model motorcycle is 2 in long then how long is the real motorcycle?
- 193) A particular satellite is 15 m wide. A model of it was built with a scale of 1 cm : 3 m. How wide is the model?
- 164) A 16 ft tall adult giraffe standing next to a globe casts a 8 ft shadow. If the globe is 2 ft tall then how long is its shadow?
- 166) A 9 ft tall adult elephant standing next to a bird bath casts a 3 ft shadow. If the bird bath is 3 ft tall then how long is its shadow?
- 168) A model rocket has a scale of 1 cm : 5 m. If the real rocket is 15 m tall then how tall is the model rocket?
- 170) A model car has a scale of 1 in : 3 ft. If the model car is 4 in long then how long is the real car?
- 172) A petrified stump that is 6 ft tall casts a shadow that is 12 ft long. Find the length of the shadow that a 10 ft adult elephant casts.
- 174) If a 6 ft tall ladder casts a 10 ft long shadow then how tall is a globe that casts a 5 ft shadow?
- 176) A model car has a scale of 1 in : 3 ft. If the model car is 6 in long then how long is the real car?
- 178) A model power plant is 2 cm tall. If it was built with a scale of 1 cm : 9 m then how tall is the real power plant?
- 180) A 9 ft tall tent standing next to a baby giraffe casts a 6 ft shadow. If the baby giraffe is 6 ft tall then how long is its shadow?
- 182) If a 6 ft tall ladder casts a 12 ft long shadow then how tall is a petrified stump that casts a 16 ft shadow?
- 184) A model rocket is 4 cm tall. If it was built with a scale of 1 cm : 3 m then how tall is the real rocket?
- 186) A model giraffe has a scale of 1 in : 2 ft. If the real giraffe is 10 ft tall then how tall is the model giraffe?
- 188) A cardboard box that is 8 ft tall casts a shadow that is 16 ft long. Find the height of a petrified stump that casts a 8 ft shadow.
- 190) A 16 ft tall ladder standing next to a bird bath casts a 4 ft shadow. If the bird bath casts a shadow that is 1 ft long then how tall is it?
- 192) A 6 ft tall woman standing next to a baby elephant casts a 20 ft shadow. If the baby elephant casts a shadow that is 10 ft long then how tall is it?
- 194) A model igloo has a scale of 1 in : 4 ft. If the real igloo is 12 ft wide then how wide is the model igloo?

- 195) A 8 ft tall telephone booth standing next to a woman casts a 4 ft shadow. If the woman casts a shadow that is 3 ft long then how tall is she?
- 197) If a 9 ft tall telephone booth casts a 3 ft long shadow then how long is the shadow that a 6 ft tall lawn casts?
- 199) A 10 ft tall tent standing next to a woman casts a 14 ft shadow. If the woman is 5 ft tall then how long is her shadow?
- 201) A model car has a scale of 1 in : 2 ft. If the model car is 7 in long then how long is the real car?
- 203) A model satellite is 7 cm wide. If it was built with a scale of 1 cm : 2 m then how wide is the real satellite?
- 205) A 6 ft tall car standing next to a baby elephant casts a 15 ft shadow. If the baby elephant is 4 ft tall then how long is its shadow?
- 207) If a 4 ft tall car casts a 1 ft long shadow then how long is the shadow that a 8 ft tall petrified stump casts?
- 209) Find the distance between Union and Clayton if they are 10 cm apart on a map with a scale of 1 cm : 11 km.
- 211) Find the distance between Johnstown and Brisbane on a map with a scale of 1 in : 8 mi if they are actually 56 mi apart.
- 213) A model satellite has a scale of 1 cm : 5 m. If the real satellite is 10 m wide then how wide is the model satellite?
- 215) A model house has a scale of 1 in : 3 yd. If the real house is 12 yd wide then how wide is the model house?
- 217) A tent that is 6 ft tall casts a shadow that is 9 ft long. Find the height of a baby giraffe that casts a 12 ft shadow.
- 219) A lawn that is 2 ft tall casts a shadow that is 1 ft long. Find the height of a woman that casts a 3 ft shadow.
- 221) Madison and Milton are 180 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 20 mi?
- 223) A particular train is 15 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 225) A model train is 5 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real train?
- 196) If a 8 ft tall telephone booth casts a 3 ft long shadow then how tall is an adult giraffe that casts a 6 ft shadow?
- 198) If a 8 ft tall telephone booth casts a 12 ft long shadow then how long is the shadow that a 10 ft tall adult elephant casts?
- 200) A lawn that is 3 ft tall casts a shadow that is 8 ft long. Find the height of a man that casts a 16 ft shadow.
- 202) A model igloo has a scale of 1 in : 2 ft. If the real igloo is 14 ft wide then how wide is the model igloo?
- 204) A particular building is 15 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 206) An adult giraffe that is 15 ft tall casts a shadow that is 5 ft long. Find the height of a globe that casts a 1 ft shadow.
- 208) Find the distance between Union and Mount Pleasant on a map with a scale of 1 in : 12 mi if they are actually 84 mi apart.
- 210) A map has a scale of 1 cm : 9 km. If Midway and Santa Cruz are 45 km apart then they are how far apart on the map?
- 212) A model igloo has a scale of 1 in : 3 ft. If the model igloo is 6 in wide then how wide is the real igloo?
- 214) A model house is 6 cm wide. If it was built with a scale of 1 cm : 2 m then how wide is the real house?
- 216) A statue that is 18 ft tall casts a shadow that is 9 ft long. Find the height of a tent that casts a 2 ft shadow.
- 218) A telephone booth that is 8 ft tall casts a shadow that is 4 ft long. Find the height of an adult elephant that casts a 5 ft shadow.
- 220) A map has a scale of 1 in : 4 mi. If Milton and Victoria are 24 mi apart then they are how far apart on the map?
- 222) Clayton and Yorkshire are 2 cm apart on a map that has a scale of 1 cm : 19 km. How far apart are the real cities?
- 224) A model giraffe is 2 in tall. If it was built with a scale of 1 in : 8 ft then how tall is the real giraffe?
- 226) A model house has a scale of 1 cm : 2 m. If the model house is 5 cm tall then how tall is the real house?

- 227) A 15 ft tall ladder standing next to a telephone booth casts a 10 ft shadow. If the telephone booth is 9 ft tall then how long is its shadow?
- 229) A 6 ft tall man standing next to an adult giraffe casts a 3 ft shadow. If the adult giraffe is 16 ft tall then how long is its shadow?
- 231) Find the distance between Smithville and Rockville if they are 4 in apart on a map with a scale of 1 in : 13 mi.
- 233) Find the distance between San Jose and Midway on a map with a scale of 1 cm : 10 km if they are actually 90 km apart.
- 235) A model tree has a scale of 1 cm : 4 m. If the model tree is 4 cm tall then how tall is the real tree?
- 237) A 16 ft tall adult giraffe standing next to an adult elephant casts a 8 ft shadow. If the adult elephant casts a shadow that is 5 ft long then how tall is it?
- 239) A 14 ft tall adult giraffe standing next to a man casts a 7 ft shadow. If the man is 6 ft tall then how long is his shadow?
- 241) Find the distance between Madison and Rivertown if they are 5 cm apart on a map with a scale of 1 cm : 8 km.
- 243) A map has a scale of 1 in : 5 mi. If Fairview and Oak Grove are 10 mi apart then they are how far apart on the map?
- 245) A model giraffe has a scale of 1 in : 4 ft. If the real giraffe is 12 ft tall then how tall is the model giraffe?
- 247) A model submarine is 4 cm long. If it was built with a scale of 1 cm : 5 m then how long is the real submarine?
- 249) A 9 ft tall telephone booth standing next to a baby giraffe casts a 3 ft shadow. If the baby giraffe is 6 ft tall then how long is its shadow?
- 251) Marion and Franklin are 68 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 17 km?
- 253) Franklin and Madison are 9 in apart on a map that has a scale of 1 in : 14 mi. How far apart are the real cities?
- 255) A particular giraffe is 12 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 228) A baby giraffe that is 6 ft tall casts a shadow that is 15 ft long. Find the height of an adult elephant that casts a 20 ft shadow.
- 230) Find the distance between Georgetown and Smithville on a map with a scale of 1 in : 15 mi if they are actually 150 mi apart.
- 232) Find the distance between Johnstown and Riverside if they are 6 cm apart on a map with a scale of 1 cm : 12 km.
- 234) A model power plant has a scale of 1 cm : 7 m. If the real power plant is 14 m tall then how tall is the model power plant?
- 236) A model power plant has a scale of 1 cm : 3 m. If the real power plant is 15 m tall then how tall is the model power plant?
- 238) A 6 ft tall woman standing next to a globe casts a 9 ft shadow. If the globe is 2 ft tall then how long is its shadow?
- 240) A 3 ft tall bird bath standing next to a statue casts a 2 ft shadow. If the statue casts a shadow that is 10 ft long then how tall is it?
- 242) A map has a scale of 1 cm : 6 km. If Fairview and Mount Pleasant are 8 cm apart on the map then how far apart are the real cities?
- 244) A map has a scale of 1 cm : 3 km. If Rockville and Greenwood are 5 cm apart on the map then how far apart are the real cities?
- 246) A particular giraffe is 16 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 248) If a 18 ft tall statue casts a 9 ft long shadow then how long is the shadow that a 8 ft tall cardboard box casts?
- 250) San Jose and Brisbane are 40 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 10 km?
- 252) Marion and Salem are 6 cm apart on a map that has a scale of 1 cm : 16 km. How far apart are the real cities?
- 254) A particular car is 18 ft long. A model of it was built with a scale of 1 in : 6 ft. How long is the model?
- 256) A model car has a scale of 1 in : 3 ft. If the model car is 4 in long then how long is the real car?

- 257) A model car is 4 in long. If it was built with a scale of 1 in : 5 ft then how long is the real car?
- 259) A globe that is 3 ft tall casts a shadow that is 6 ft long. Find the height of a telephone booth that casts a 18 ft shadow.
- 261) An adult giraffe that is 14 ft tall casts a shadow that is 7 ft long. Find the height of a tree that casts a 3 ft shadow.
- 263) Find the distance between Yorkshire and Marion if they are 10 cm apart on a map with a scale of 1 cm : 9 km.
- 265) Find the distance between Salem and Milton on a map with a scale of 1 in : 6 mi if they are actually 42 mi apart.
- 267) A model train has a scale of 1 in : 10 ft. If the model train is 2 in tall then how tall is the real train?
- 269) A statue that is 15 ft tall casts a shadow that is 3 ft long. Find the length of the shadow that a 5 ft bird bath casts.
- 271) If a 6 ft tall petrified stump casts a 3 ft long shadow then how tall is a bird bath that casts a 2 ft shadow?
- 273) A map has a scale of 1 in : 20 mi. If Franklin and Kumba are 120 mi apart then they are how far apart on the map?
- 275) A map has a scale of 1 in : 16 mi. If Kumba and Rockville are 3 in apart on the map then how far apart are the real cities?
- 277) A model car has a scale of 1 in : 2 ft. If the model car is 7 in long then how long is the real car?
- 279) A model train is 3 in tall. If it was built with a scale of 1 in : 3 ft then how tall is the real train?
- 281) A bird bath that is 4 ft tall casts a shadow that is 9 ft long. Find the height of a tent that casts a 18 ft shadow.
- 283) Santa Cruz and Clinton are 112 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 14 km?
- 285) Greenwood and Rivertown are 4 in apart on a map that has a scale of 1 in : 11 mi. How far apart are the real cities?
- 287) A particular car is 18 ft long. A model of it was built with a scale of 1 in : 3 ft. How long is the model?
- 258) A statue that is 14 ft tall casts a shadow that is 7 ft long. Find the length of the shadow that a 4 ft baby elephant casts.
- 260) A 4 ft tall petrified stump standing next to a baby giraffe casts a 5 ft shadow. If the baby giraffe casts a shadow that is 10 ft long then how tall is it?
- 262) Find the distance between Yorkshire and Union if they are 8 in apart on a map with a scale of 1 in : 10 mi.
- 264) Find the distance between Santa Cruz and Victoria on a map with a scale of 1 cm : 7 km if they are actually 28 km apart.
- 266) A model igloo has a scale of 1 in : 2 ft. If the model igloo is 5 in wide then how wide is the real igloo?
- 268) A model giraffe has a scale of 1 in : 3 ft. If the model giraffe is 6 in tall then how tall is the real giraffe?
- 270) If a 10 ft tall tent casts a 5 ft long shadow then how tall is a car that casts a 2 ft shadow?
- 272) A map has a scale of 1 in : 3 mi. If Franklin and San Jose are 3 in apart on the map then how far apart are the real cities?
- 274) A map has a scale of 1 cm : 18 km. If Rivertown and Sun Valley are 162 km apart then they are how far apart on the map?
- 276) A model car has a scale of 1 in : 2 ft. If the real car is 14 ft long then how long is the model car?
- 278) A model statue is 2 in tall. If it was built with a scale of 1 in : 6 ft then how tall is the real statue?
- 280) A telephone booth that is 9 ft tall casts a shadow that is 3 ft long. Find the height of a cardboard box that casts a 1 ft shadow.
- 282) If a 15 ft tall statue casts a 9 ft long shadow then how long is the shadow that a 5 ft tall baby elephant casts?
- 284) Santa Cruz and Smithville are 2 cm apart on a map that has a scale of 1 cm : 13 km. How far apart are the real cities?
- 286) Riverside and Mount Pleasant are 63 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 9 km?
- 288) A particular house is 12 m wide. A model of it was built with a scale of 1 cm : 3 m. How wide is the model?

- 289) A 15 ft tall statue standing next to a woman casts a 12 ft shadow. If the woman is 5 ft tall then how long is her shadow?
- 291) A globe that is 2 ft tall casts a shadow that is 1 ft long. Find the height of a bird bath that casts a 2 ft shadow.
- 293) Find the distance between Rivertown and Abbots Rise if they are 6 cm apart on a map with a scale of 1 cm : 6 km.
- 295) Find the distance between Union and Oak Grove on a map with a scale of 1 in : 20 mi if they are actually 40 mi apart.
- 297) An adult giraffe that is 18 ft tall casts a shadow that is 9 ft long. Find the length of the shadow that a 16 ft tree casts.
- 299) If a 6 ft tall woman casts a 4 ft long shadow then how tall is a telephone booth that casts a 6 ft shadow?
- 290) A man that is 6 ft tall casts a shadow that is 4 ft long. Find the length of the shadow that a 15 ft adult giraffe casts.
- 292) A 4 ft tall bird bath standing next to a statue casts a 2 ft shadow. If the statue casts a shadow that is 8 ft long then how tall is it?
- 294) Find the distance between Kumba and Georgetown on a map with a scale of 1 in : 4 mi if they are actually 32 mi apart.
- 296) A model house is 2 cm wide. If it was built with a scale of 1 cm : 6 m then how wide is the real house?
- 298) A 15 ft tall adult giraffe standing next to an adult elephant casts a 18 ft shadow. If the adult elephant is 10 ft tall then how long is its shadow?
- 300) A map has a scale of 1 in : 16 mi. If Greenwood and Midway are 32 mi apart then they are how far apart on the map?

Solve tasks by rounding answer to the nearest tenth:

- 301) A model statue is 2 in wide. If it was built with a scale of 1 in : 5 ft then how wide is the real statue?
- 303) A model plane is 7 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real plane?
- 305) A model plane has a scale of 1 in : 10 ft. If the model plane is 2 in tall then how tall is the real plane?
- 307) A model house has a scale of 1 in : 5 ft. If the model house is 4 in tall then how tall is the real house?
- 309) A model rocket has a scale of 1 cm : 2.8 m. If the model rocket is 7 cm tall then how tall is the real rocket?
- 311) A particular house is 12.2 m wide. A model of it was built with a scale of 1 cm : 6.1 m. How wide is the model?
- 313) A model house has a scale of 1 in : 3.3 ft. If the model house is 6 in wide then how wide is the real house?
- 315) A model power plant has a scale of 1 cm : 3.4 m. If the real power plant is 10.2 m tall then how tall is the model power plant?
- 317) A model train has a scale of 1 in : 2.8 ft. If the model train is 5 in tall then how tall is the real train?
- 319) A model satellite has a scale of 1 cm : 3 m. If the model satellite is 6 cm wide then how wide is the real satellite?
- 302) A particular igloo is 9.9 ft wide. A model of it was built with a scale of 1 in : 3.3 ft. How wide is the model?
- 304) A model igloo has a scale of 1 in : 1.8 ft. If the model igloo is 6 in wide then how wide is the real igloo?
- 306) A model train has a scale of 1 in : 2 ft. If the model train is 6 in tall then how tall is the real train?
- 308) A model igloo has a scale of 1 in : 2 ft. If the real igloo is 10 ft wide then how wide is the model igloo?
- 310) A model car is 7 in long. If it was built with a scale of 1 in : 1.9 ft then how long is the real car?
- 312) A model train has a scale of 1 in : 3.4 ft. If the model train is 5 in tall then how tall is the real train?
- 314) A particular giraffe is 11 ft tall. A model of it was built with a scale of 1 in : 5.5 ft. How tall is the model?
- 316) A model igloo has a scale of 1 in : 3.3 ft. If the model igloo is 3 in wide then how wide is the real igloo?
- 318) A model satellite is 5 in wide. If it was built with a scale of 1 in : 2 ft then how wide is the real satellite?
- 320) A model tree has a scale of 1 cm : 3.9 m. If the real tree is 19.5 m tall then how tall is the model tree?

- 321) A model rocket has a scale of 1 cm : 4.1 m. If the real rocket is 12.3 m tall then how tall is the model rocket?
- 322) A model car has a scale of 1 in : 5 ft. If the real car is 10 ft long then how long is the model car?
- 323) A model satellite has a scale of 1 in : 2.2 ft. If the real satellite is 13.2 ft wide then how wide is the model satellite?
- 324) A particular car is 16.8 ft long. A model of it was built with a scale of 1 in : 2.8 ft. How long is the model?
- 325) A particular giraffe is 14 ft tall. A model of it was built with a scale of 1 in : 2.8 ft. How tall is the model?
- 326) A model car has a scale of 1 in : 9.5 ft. If the real car is 19 ft long then how long is the model car?
- 327) A model rocket has a scale of 1 in : 4.5 ft. If the model rocket is 4 in tall then how tall is the real rocket?
- 328) A model statue has a scale of 1 in : 2.5 ft. If the real statue is 10 ft wide then how wide is the model statue?
- 329) A model igloo has a scale of 1 in : 1.8 ft. If the real igloo is 10.8 ft wide then how wide is the model igloo?
- 330) A model igloo is 5 in wide. If it was built with a scale of 1 in : 2.2 ft then how wide is the real igloo?
- 331) A model car is 4 in long. If it was built with a scale of 1 in : 3.8 ft then how long is the real car?
- 332) A model plane has a scale of 1 cm : 2.8 m. If the real plane is 11.2 m long then how long is the model plane?
- 333) A model giraffe is 9 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real giraffe?
- 334) A model car is 8 in long. If it was built with a scale of 1 in : 2.1 ft then how long is the real car?
- 335) A model car is 9 in long. If it was built with a scale of 1 in : 2.2 ft then how long is the real car?
- 336) A model house has a scale of 1 cm : 2.9 m. If the model house is 5 cm wide then how wide is the real house?
- 337) A model satellite has a scale of 1 cm : 6.5 m. If the model satellite is 2 cm wide then how wide is the real satellite?
- 338) A particular car is 18.4 ft long. A model of it was built with a scale of 1 in : 2.3 ft. How long is the model?
- 339) A model power plant has a scale of 1 cm : 3.7 m. If the model power plant is 5 cm tall then how tall is the real power plant?
- 340) A model igloo is 2 in wide. If it was built with a scale of 1 in : 6.5 ft then how wide is the real igloo?
- 341) A model igloo has a scale of 1 in : 3 ft. If the real igloo is 12 ft wide then how wide is the model igloo?
- 342) A model giraffe has a scale of 1 in : 2.8 ft. If the real giraffe is 11.2 ft tall then how tall is the model giraffe?
- 343) A model car has a scale of 1 in : 6.7 ft. If the real car is 20.1 ft long then how long is the model car?
- 344) A model plane has a scale of 1 cm : 2.1 m. If the real plane is 14.7 m tall then how tall is the model plane?
- 345) A model house has a scale of 1 in : 3.3 ft. If the real house is 19.8 ft tall then how tall is the model house?
- 346) A model train has a scale of 1 in : 4.5 ft. If the real train is 18 ft tall then how tall is the model train?
- 347) A particular statue is 18.2 ft tall. A model of it was built with a scale of 1 in : 2.6 ft. How tall is the model?
- 348) A model house has a scale of 1 cm : 2.1 m. If the real house is 16.8 m wide then how wide is the model house?
- 349) A model train has a scale of 1 in : 4 ft. If the real train is 12 ft tall then how tall is the model train?
- 350) A particular train is 16.8 ft tall. A model of it was built with a scale of 1 in : 2.4 ft. How tall is the model?
- 351) A model train has a scale of 1 in : 2.2 ft. If the real train is 19.8 ft tall then how tall is the model train?
- 352) A particular igloo is 15 ft wide. A model of it was built with a scale of 1 in : 7.5 ft. How wide is the model?
- 353) A model house has a scale of 1 cm : 2.3 m. If the model house is 5 cm tall then how tall is the real house?
- 354) A model giraffe is 2 in tall. If it was built with a scale of 1 in : 9 ft then how tall is the real giraffe?

- 355) A model house has a scale of 1 in : 3.6 ft. If the model house is 5 in wide then how wide is the real house?
- 357) A model igloo has a scale of 1 in : 3 ft. If the real igloo is 15 ft wide then how wide is the model igloo?
- 359) A particular rocket is 11.1 ft tall. A model of it was built with a scale of 1 in : 3.7 ft. How tall is the model?
- 361) A model giraffe has a scale of 1 in : 2.1 ft. If the real giraffe is 14.7 ft tall then how tall is the model giraffe?
- 363) A model tree has a scale of 1 in : 2.4 ft. If the real tree is 12 ft tall then how tall is the model tree?
- 365) A model statue is 9 in tall. If it was built with a scale of 1 in : 1.9 ft then how tall is the real statue?
- 367) A model giraffe is 4 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real giraffe?
- 369) A model car is 2 in long. If it was built with a scale of 1 in : 7 ft then how long is the real car?
- 371) A model power plant has a scale of 1 cm : 2 m. If the model power plant is 6 cm tall then how tall is the real power plant?
- 373) A model satellite has a scale of 1 in : 6.2 yd. If the real satellite is 18.6 yd wide then how wide is the model satellite?
- 375) A particular car is 17.1 ft long. A model of it was built with a scale of 1 in : 5.7 ft. How long is the model?
- 377) A particular statue is 12 ft tall. A model of it was built with a scale of 1 in : 6 ft. How tall is the model?
- 379) A model house is 3 cm wide. If it was built with a scale of 1 cm : 3.7 m then how wide is the real house?
- 381) A model satellite has a scale of 1 in : 2.2 yd. If the model satellite is 6 in wide then how wide is the real satellite?
- 383) A particular train is 18 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 385) A model satellite has a scale of 1 cm : 9.5 m. If the model satellite is 2 cm wide then how wide is the real satellite?
- 387) A model satellite has a scale of 1 cm : 2.1 m. If the model satellite is 6 cm wide then how wide is the real satellite?
- 356) A model motorcycle has a scale of 1 in : 2.5 ft. If the model motorcycle is 4 in long then how long is the real motorcycle?
- 358) A model house has a scale of 1 cm : 6.9 m. If the model house is 2 cm tall then how tall is the real house?
- 360) A model house has a scale of 1 cm : 5.3 m. If the real house is 10.6 m tall then how tall is the model house?
- 362) A model power plant has a scale of 1 cm : 2.1 m. If the model power plant is 9 cm tall then how tall is the real power plant?
- 364) A model car has a scale of 1 in : 8 ft. If the model car is 2 in long then how long is the real car?
- 366) A model giraffe has a scale of 1 in : 2.8 ft. If the model giraffe is 4 in tall then how tall is the real giraffe?
- 368) A model tree has a scale of 1 cm : 2.4 m. If the real tree is 14.4 m tall then how tall is the model tree?
- 370) A model car has a scale of 1 in : 1.9 ft. If the real car is 19 ft long then how long is the model car?
- 372) A model igloo is 6 in wide. If it was built with a scale of 1 in : 2.5 ft then how wide is the real igloo?
- 374) A particular house is 14.6 m wide. A model of it was built with a scale of 1 cm : 7.3 m. How wide is the model?
- 376) A model house has a scale of 1 cm : 2.2 m. If the real house is 17.6 m wide then how wide is the model house?
- 378) A model satellite has a scale of 1 in : 2.6 ft. If the model satellite is 5 in wide then how wide is the real satellite?
- 380) A model house is 3 cm tall. If it was built with a scale of 1 cm : 3.5 m then how tall is the real house?
- 382) A model train is 6 in tall. If it was built with a scale of 1 in : 2.7 ft then how tall is the real train?
- 384) A particular plane is 14.4 m tall. A model of it was built with a scale of 1 cm : 3.6 m. How tall is the model?
- 386) A model statue is 4 in tall. If it was built with a scale of 1 in : 3.3 ft then how tall is the real statue?
- 388) A model car has a scale of 1 in : 2.7 ft. If the model car is 7 in long then how long is the real car?

- 389) A model igloo is 2 in wide. If it was built with a scale of 1 in : 5.5 ft then how wide is the real igloo?
- 391) A model car has a scale of 1 in : 4 ft. If the model car is 3 in long then how long is the real car?
- 393) A model train is 2 in tall. If it was built with a scale of 1 in : 7.5 ft then how tall is the real train?
- 395) A model house is 5 cm tall. If it was built with a scale of 1 cm : 2.5 m then how tall is the real house?
- 397) A model train has a scale of 1 in : 6 ft. If the real train is 18 ft tall then how tall is the model train?
- 399) A particular igloo is 14 ft wide. A model of it was built with a scale of 1 in : 3.5 ft. How wide is the model?
- 401) If a 2.9 ft tall bird bath casts a 11.6 ft long shadow then how long is the shadow that a 3.8 ft tall cardboard box casts?
- 403) A model house is 3 cm wide. If it was built with a scale of 1 cm : 3.7 m then how wide is the real house?
- 405) A model train has a scale of 1 in : 2 ft. If the real train is 14 ft tall then how tall is the model train?
- 407) A car that is 7.3 ft tall casts a shadow that is 43.8 ft long. Find the height of a baby elephant that casts a 19.2 ft shadow.
- 409) A globe that is 2.8 ft tall casts a shadow that is 9.8 ft long. Find the length of the shadow that a 6 ft woman casts.
- 411) A cardboard box that is 6.9 ft tall casts a shadow that is 9 ft long. Find the length of the shadow that a 5 ft car casts.
- 413) A 7.2 ft tall telephone booth standing next to a baby giraffe casts a 21.6 ft shadow. If the baby giraffe is 8.5 ft tall then how long is its shadow?
- 415) A model statue has a scale of 1 in : 2.5 ft. If the model statue is 4 in tall then how tall is the real statue?
- 417) A model plane has a scale of 1 in : 2 ft. If the real plane is 16 ft tall then how tall is the model plane?
- 419) If a 7.5 ft tall petrified stump casts a 37.5 ft long shadow then how long is the shadow that a 9 ft tall tent casts?
- 390) A particular car is 13.3 ft long. A model of it was built with a scale of 1 in : 1.9 ft. How long is the model?
- 392) A model train is 7 in tall. If it was built with a scale of 1 in : 2.3 ft then how tall is the real train?
- 394) A model car has a scale of 1 in : 2.3 ft. If the real car is 16.1 ft long then how long is the model car?
- 396) A model giraffe has a scale of 1 in : 8.5 ft. If the model giraffe is 2 in tall then how tall is the real giraffe?
- 398) A model satellite has a scale of 1 in : 4.2 yd. If the model satellite is 4 in wide then how wide is the real satellite?
- 400) A model giraffe is 6 in tall. If it was built with a scale of 1 in : 3 ft then how tall is the real giraffe?
- 402) A particular train is 15 ft tall. A model of it was built with a scale of 1 in : 5 ft. How tall is the model?
- 404) A model house has a scale of 1 in : 8 ft. If the model house is 2 in wide then how wide is the real house?
- 406) A model train has a scale of 1 in : 3.6 ft. If the real train is 18 ft tall then how tall is the model train?
- 408) A 8.4 ft tall adult elephant standing next to a man casts a 48.7 ft shadow. If the man is 4.8 ft tall then how long is his shadow?
- 410) A 8.9 ft tall tree standing next to an adult elephant casts a 35.6 ft shadow. If the adult elephant casts a shadow that is 42.4 ft long then how tall is it?
- 412) A model car has a scale of 1 in : 2.8 ft. If the real car is 11.2 ft long then how long is the model car?
- 414) A model rocket has a scale of 1 in : 3 ft. If the model rocket is 4 in tall then how tall is the real rocket?
- 416) A particular car is 18 ft long. A model of it was built with a scale of 1 in : 9 ft. How long is the model?
- 418) A particular motorcycle is 9.9 ft long. A model of it was built with a scale of 1 in : 3.3 ft. How long is the model?
- 420) If a 3.2 ft tall baby elephant casts a 4.8 ft long shadow then how long is the shadow that a 17 ft tall adult giraffe casts?

- 421) A 14 ft tall adult giraffe standing next to an adult elephant casts a 58.8 ft shadow. If the adult elephant casts a shadow that is 42.8 ft long then how tall is it?
- 422) If a 5.5 ft tall man casts a 19.3 ft long shadow then how long is the shadow that a 3.8 ft tall bird bath casts?
- 423) A lawn that is 6 ft tall casts a shadow that is 21 ft long. Find the height of a car that casts a 16.5 ft shadow.
- 424) A particular car is 20 ft long. A model of it was built with a scale of 1 in : 10 ft. How long is the model?
- 425) A model rocket has a scale of 1 cm : 1.9 m. If the real rocket is 13.3 m tall then how tall is the model rocket?
- 426) A model igloo is 5 in wide. If it was built with a scale of 1 in : 2.6 ft then how wide is the real igloo?
- 427) A particular car is 13 ft long. A model of it was built with a scale of 1 in : 2.6 ft. How long is the model?
- 428) A particular motorcycle is 10 ft long. A model of it was built with a scale of 1 in : 2.5 ft. How long is the model?
- 429) A car that is 4.7 ft tall casts a shadow that is 9.9 ft long. Find the height of a cardboard box that casts a 16.8 ft shadow.
- 430) A 6.5 ft tall lawn standing next to a baby giraffe casts a 22.8 ft shadow. If the baby giraffe is 5.2 ft tall then how long is its shadow?
- 431) A man that is 6.8 ft tall casts a shadow that is 35.4 ft long. Find the length of the shadow that a 6.1 ft woman casts.
- 432) If a 11.3 ft tall adult elephant casts a 61 ft long shadow then how long is the shadow that a 5.7 ft tall woman casts?
- 433) A 7.6 ft tall petrified stump standing next to a cardboard box casts a 19 ft shadow. If the cardboard box casts a shadow that is 14.8 ft long then how tall is it?
- 434) A 8.4 ft tall baby giraffe standing next to a ladder casts a 14.3 ft shadow. If the ladder is 12.1 ft tall then how long is its shadow?
- 435) A particular satellite is 20 ft wide. A model of it was built with a scale of 1 in : 2 ft. How wide is the model?
- 436) A model rocket has a scale of 1 cm : 2.7 m. If the real rocket is 16.2 m tall then how tall is the model rocket?
- 437) A model satellite is 2 in wide. If it was built with a scale of 1 in : 7.5 ft then how wide is the real satellite?
- 438) A particular rocket is 11.1 ft tall. A model of it was built with a scale of 1 in : 3.7 ft. How tall is the model?
- 439) A model house has a scale of 1 cm : 2.2 m. If the real house is 11 m wide then how wide is the model house?
- 440) A cardboard box that is 2 ft tall casts a shadow that is 10.4 ft long. Find the height of a woman that casts a 24.4 ft shadow.
- 441) A 17.4 ft tall statue standing next to a man casts a 48.7 ft shadow. If the man casts a shadow that is 13.4 ft long then how tall is he?
- 442) A telephone booth that is 6.9 ft tall casts a shadow that is 38 ft long. Find the height of a globe that casts a 17.1 ft shadow.
- 443) If a 1.6 ft tall globe casts a 8.8 ft long shadow then how long is the shadow that a 5 ft tall man casts?
- 444) If a 4.3 ft tall baby elephant casts a 6.5 ft long shadow then how tall is an adult elephant that casts a 14.9 ft shadow?
- 445) If a 4.7 ft tall car casts a 10.3 ft long shadow then how tall is a statue that casts a 29.3 ft shadow?
- 446) A particular train is 20 ft tall. A model of it was built with a scale of 1 in : 5 ft. How tall is the model?
- 447) A model igloo has a scale of 1 in : 5 ft. If the model igloo is 2 in wide then how wide is the real igloo?
- 448) A particular car is 19.2 ft long. A model of it was built with a scale of 1 in : 4.8 ft. How long is the model?
- 449) A model igloo is 4 in wide. If it was built with a scale of 1 in : 3.3 ft then how wide is the real igloo?
- 450) A model giraffe has a scale of 1 in : 2.4 ft. If the model giraffe is 7 in tall then how tall is the real giraffe?
- 451) A globe that is 3.5 ft tall casts a shadow that is 15.1 ft long. Find the length of the shadow that a 7.5 ft man casts.
- 452) A ladder that is 12.5 ft tall casts a shadow that is 70 ft long. Find the length of the shadow that a 8.2 ft adult elephant casts.

- 453) A 15.5 ft tall flagpole standing next to an adult elephant casts a 66.6 ft shadow. If the adult elephant is 9.2 ft tall then how long is its shadow?
- 455) A model house has a scale of 1 cm : 8.2 m. If the real house is 16.4 m wide then how wide is the model house?
- 457) A particular house is 11.4 m wide. A model of it was built with a scale of 1 cm : 1.9 m. How wide is the model?
- 459) A particular satellite is 17.1 ft wide. A model of it was built with a scale of 1 in : 5.7 ft. How wide is the model?
- 461) A model car has a scale of 1 in : 6 ft. If the model car is 2 in long then how long is the real car?
- 463) If a 11.3 ft tall adult elephant casts a 56.5 ft long shadow then how tall is a baby giraffe that casts a 38.5 ft shadow?
- 465) If a 7.1 ft tall man casts a 17 ft long shadow then how tall is a tent that casts a 21.8 ft shadow?
- 467) A model car is 4 in long. If it was built with a scale of 1 in : 3.8 ft then how long is the real car?
- 469) A model plane is 5 cm tall. If it was built with a scale of 1 cm : 3.6 m then how tall is the real plane?
- 471) A 6.9 ft tall car standing next to a man casts a 28.3 ft shadow. If the man casts a shadow that is 24.6 ft long then how tall is he?
- 473) If a 16.5 ft tall ladder casts a 21.5 ft long shadow then how long is the shadow that a 3.3 ft tall bird bath casts?
- 475) A model igloo has a scale of 1 in : 3.5 ft. If the model igloo is 4 in wide then how wide is the real igloo?
- 477) A model plane has a scale of 1 cm : 4.4 m. If the real plane is 17.6 m tall then how tall is the model plane?
- 479) A model car has a scale of 1 in : 3.8 ft. If the real car is 19 ft long then how long is the model car?
- 481) A model satellite has a scale of 1 cm : 2.3 m. If the real satellite is 16.1 m wide then how wide is the model satellite?
- 454) A petrified stump that is 7.5 ft tall casts a shadow that is 42 ft long. Find the height of a cardboard box that casts a 36.4 ft shadow.
- 456) A particular house is 10 m wide. A model of it was built with a scale of 1 cm : 2 m. How wide is the model?
- 458) A particular igloo is 13.2 ft wide. A model of it was built with a scale of 1 in : 3.3 ft. How wide is the model?
- 460) A particular rocket is 11 ft tall. A model of it was built with a scale of 1 in : 5.5 ft. How tall is the model?
- 462) An adult elephant that is 10.8 ft tall casts a shadow that is 21.6 ft long. Find the height of a lawn that casts a 8 ft shadow.
- 464) A 14.6 ft tall ladder standing next to an adult elephant casts a 49.6 ft shadow. If the adult elephant casts a shadow that is 31.3 ft long then how tall is it?
- 466) A 17 ft tall adult giraffe standing next to a baby elephant casts a 79.9 ft shadow. If the baby elephant casts a shadow that is 24 ft long then how tall is it?
- 468) A particular statue is 12 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 470) A model satellite has a scale of 1 cm : 1.9 m. If the real satellite is 11.4 m wide then how wide is the model satellite?
- 472) A 5.4 ft tall baby elephant standing next to an adult giraffe casts a 12.4 ft shadow. If the adult giraffe casts a shadow that is 34.3 ft long then how tall is it?
- 474) If a 3.3 ft tall cardboard box casts a 7.3 ft long shadow then how long is the shadow that a 4.3 ft tall bird bath casts?
- 476) If a 6.1 ft tall car casts a 15.9 ft long shadow then how long is the shadow that a 2.5 ft tall bird bath casts?
- 478) A model house has a scale of 1 cm : 6.1 m. If the model house is 2 cm wide then how wide is the real house?
- 480) A model plane is 4 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real plane?
- 482) A ladder that is 9.2 ft tall casts a shadow that is 14.7 ft long. Find the height of a telephone booth that casts a 12 ft shadow.

- 483) A telephone booth that is 9.1 ft tall casts a shadow that is 24.6 ft long. Find the length of the shadow that a 6.9 ft petrified stump casts.
- 485) If a 6.5 ft tall telephone booth casts a 7.8 ft long shadow then how tall is a tree that casts a 9.5 ft shadow?
- 487) If a 6.3 ft tall tent casts a 8.8 ft long shadow then how long is the shadow that a 3.2 ft tall car casts?
- 489) A model plane is 2 cm tall. If it was built with a scale of 1 cm : 5.6 m then how tall is the real plane?
- 491) A model rocket has a scale of 1 in : 3 ft. If the real rocket is 15 ft tall then how tall is the model rocket?
- 493) If a 16.6 ft tall statue casts a 68.1 ft long shadow then how tall is a car that casts a 26.7 ft shadow?
- 495) A man that is 6.6 ft tall casts a shadow that is 25.7 ft long. Find the length of the shadow that a 5.9 ft woman casts.
- 497) If a 15 ft tall flagpole casts a 88.5 ft long shadow then how tall is a man that casts a 28.3 ft shadow?
- 499) A model plane has a scale of 1 cm : 3 m. If the model plane is 5 cm tall then how tall is the real plane?
- 501) A particular submarine is 15.5 m long. A model of it was built with a scale of 1 cm : 3.1 m. How long is the model?
- 503) A baby elephant that is 2.9 ft tall casts a shadow that is 6.4 ft long. Find the height of a baby giraffe that casts a 13.4 ft shadow.
- 505) A 18.1 ft tall adult giraffe standing next to a tent casts a 105 ft shadow. If the tent casts a shadow that is 29 ft long then how tall is it?
- 507) Find the distance between Abbots Rise and Oak Grove on a map with a scale of 1 cm : 11.6 km if they are actually 40.6 km apart.
- 509) Find the distance between Milton and Madison on a map with a scale of 1 in : 15 mi if they are actually 19.5 mi apart.
- 511) A model plane has a scale of 1 cm : 5.6 m. If the model plane is 3 cm tall then how tall is the real plane?
- 513) A 4.7 ft tall bird bath standing next to a baby giraffe casts a 27.7 ft shadow. If the baby giraffe is 8.5 ft tall then how long is its shadow?
- 484) A 3.5 ft tall cardboard box standing next to an adult giraffe casts a 7.7 ft shadow. If the adult giraffe is 16.7 ft tall then how long is its shadow?
- 486) A particular house is 17 m tall. A model of it was built with a scale of 1 cm : 3.4 m. How tall is the model?
- 488) A model house is 3 cm wide. If it was built with a scale of 1 cm : 4.2 m then how wide is the real house?
- 490) A model house has a scale of 1 cm : 2.5 m. If the real house is 12.5 m wide then how wide is the model house?
- 492) If a 4.4 ft tall petrified stump casts a 15 ft long shadow then how long is the shadow that a 5.4 ft tall woman casts?
- 494) If a 9.1 ft tall adult elephant casts a 43.7 ft long shadow then how long is the shadow that a 13.5 ft tall statue casts?
- 496) A ladder that is 13.2 ft tall casts a shadow that is 15.8 ft long. Find the height of a statue that casts a 11.5 ft shadow.
- 498) A model car has a scale of 1 in : 4.3 ft. If the real car is 17.2 ft long then how long is the model car?
- 500) A model igloo has a scale of 1 in : 2.8 ft. If the model igloo is 5 in wide then how wide is the real igloo?
- 502) A 5.3 ft tall man standing next to a baby giraffe casts a 15.9 ft shadow. If the baby giraffe is 7.3 ft tall then how long is its shadow?
- 504) A 8.1 ft tall tent standing next to a man casts a 41.3 ft shadow. If the man casts a shadow that is 33.2 ft long then how tall is he?
- 506) Centerville and Georgetown are 48.7 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 17.4 mi?
- 508) Find the distance between Abbots Rise and Greenwood if they are 0.6 in apart on a map with a scale of 1 in : 5.7 mi.
- 510) A model igloo is 3 in wide. If it was built with a scale of 1 in : 5 ft then how wide is the real igloo?
- 512) A particular house is 12.6 m wide. A model of it was built with a scale of 1 cm : 6.3 m. How wide is the model?
- 514) If a 5.1 ft tall woman casts a 13.3 ft long shadow then how long is the shadow that a 9.4 ft tall telephone booth casts?

- 515) A 5.3 ft tall car standing next to a baby elephant casts a 14.3 ft shadow. If the baby elephant casts a shadow that is 12.2 ft long then how tall is it?
- 517) A map has a scale of 1 cm : 13.3 km. If Victoria and Franklin are 2.4 cm apart on the map then how far apart are the real cities?
- 519) A map has a scale of 1 cm : 16.7 km. If Salem and Clayton are 50.1 km apart then they are how far apart on the map?
- 521) A model igloo is 4 in wide. If it was built with a scale of 1 in : 3.5 ft then how wide is the real igloo?
- 523) A model house is 7 cm tall. If it was built with a scale of 1 cm : 2.4 m then how tall is the real house?
- 525) A baby elephant that is 5.4 ft tall casts a shadow that is 17.3 ft long. Find the height of a bird bath that casts a 8.6 ft shadow.
- 527) A 2.2 ft tall cardboard box standing next to an adult giraffe casts a 5.5 ft shadow. If the adult giraffe is 18.3 ft tall then how long is its shadow?
- 529) Brisbane and Marion are 35.2 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 18.5 mi?
- 531) Clinton and Sun Valley are 3.2 cm apart on a map that has a scale of 1 cm : 6.8 km. How far apart are the real cities?
- 533) A model igloo has a scale of 1 in : 2.6 ft. If the model igloo is 5 in wide then how wide is the real igloo?
- 535) A model giraffe has a scale of 1 in : 5 ft. If the real giraffe is 10 ft tall then how tall is the model giraffe?
- 537) A 4.4 ft tall tent standing next to a baby giraffe casts a 7 ft shadow. If the baby giraffe is 4.5 ft tall then how long is its shadow?
- 539) If a 4.6 ft tall car casts a 7.4 ft long shadow then how long is the shadow that a 1.7 ft tall globe casts?
- 541) Find the distance between Mount Pleasant and Smithville if they are 2.2 in apart on a map with a scale of 1 in : 8.5 mi.
- 543) Find the distance between Sun Valley and Riverside on a map with a scale of 1 cm : 11.8 km if they are actually 41.3 km apart.
- 516) A 8.3 ft tall petrified stump standing next to a cardboard box casts a 10 ft shadow. If the cardboard box casts a shadow that is 8.6 ft long then how tall is it?
- 518) Find the distance between Salem and Union if they are 2.3 in apart on a map with a scale of 1 in : 7.5 mi.
- 520) A map has a scale of 1 cm : 10.9 km. If Georgetown and Santa Cruz are 39.2 km apart then they are how far apart on the map?
- 522) A model statue has a scale of 1 in : 2 ft. If the model statue is 6 in tall then how tall is the real statue?
- 524) A model statue has a scale of 1 in : 6 ft. If the model statue is 3 in tall then how tall is the real statue?
- 526) If a 10.5 ft tall statue casts a 18.9 ft long shadow then how tall is a telephone booth that casts a 15.3 ft shadow?
- 528) A map has a scale of 1 cm : 9.2 km. If Abbots Rise and Midway are 1.2 cm apart on the map then how far apart are the real cities?
- 530) A map has a scale of 1 in : 12.6 mi. If Brisbane and Victoria are 32.8 mi apart then they are how far apart on the map?
- 532) A model giraffe is 4 in tall. If it was built with a scale of 1 in : 3 ft then how tall is the real giraffe?
- 534) A model plane is 4 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real plane?
- 536) If a 4.8 ft tall baby elephant casts a 23.5 ft long shadow then how tall is a tent that casts a 34.8 ft shadow?
- 538) A telephone booth that is 7.9 ft tall casts a shadow that is 40.3 ft long. Find the length of the shadow that a 7.4 ft man casts.
- 540) Mount Pleasant and Kumba are 21.6 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 14.4 km?
- 542) Find the distance between Sun Valley and Rockville if they are 2.8 in apart on a map with a scale of 1 in : 17.8 mi.
- 544) A model train has a scale of 1 in : 4.5 ft. If the model train is 4 in tall then how tall is the real train?

- 545) A model giraffe has a scale of 1 in : 3.3 ft. If the real giraffe is 9.9 ft tall then how tall is the model giraffe?
- 546) A particular rocket is 16 ft tall. A model of it was built with a scale of 1 in : 3.2 ft. How tall is the model?
- 547) A 7.7 ft tall ladder standing next to a car casts a 21.6 ft shadow. If the car casts a shadow that is 19.6 ft long then how tall is it?
- 548) A 3.3 ft tall baby elephant standing next to a tent casts a 18.2 ft shadow. If the tent is 4.1 ft tall then how long is its shadow?
- 549) A 2.3 ft tall globe standing next to a telephone booth casts a 12.2 ft shadow. If the telephone booth is 8.5 ft tall then how long is its shadow?
- 550) A cardboard box that is 3.2 ft tall casts a shadow that is 9.6 ft long. Find the length of the shadow that a 6.4 ft baby giraffe casts.
- 551) A map has a scale of 1 in : 10.3 mi. If Clinton and Johnstown are 1.1 in apart on the map then how far apart are the real cities?
- 552) Clinton and Rivertown are 1.5 cm apart on a map that has a scale of 1 cm : 18.3 km. How far apart are the real cities?
- 553) A map has a scale of 1 in : 13.6 mi. If Midway and Georgetown are 21.8 mi apart then they are how far apart on the map?
- 554) Midway and Oak Grove are 2.3 in apart on a map that has a scale of 1 in : 7.7 mi. How far apart are the real cities?
- 555) A particular train is 12 ft tall. A model of it was built with a scale of 1 in : 2.4 ft. How tall is the model?
- 556) A particular igloo is 10 ft wide. A model of it was built with a scale of 1 in : 2 ft. How wide is the model?
- 557) A model house has a scale of 1 cm : 6.1 m. If the real house is 12.2 m wide then how wide is the model house?
- 558) A model train has a scale of 1 in : 1.9 ft. If the real train is 13.3 ft tall then how tall is the model train?
- 559) A 4.6 ft tall baby elephant standing next to a car casts a 15.2 ft shadow. If the car casts a shadow that is 20.1 ft long then how tall is it?
- 560) A petrified stump that is 5.8 ft tall casts a shadow that is 11 ft long. Find the length of the shadow that a 4.1 ft baby elephant casts.
- 561) If a 5.5 ft tall tent casts a 18.2 ft long shadow then how long is the shadow that a 14.7 ft tall adult giraffe casts?
- 562) Sun Valley and Brisbane are 21.1 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 6.2 mi?
- 563) Sun Valley and Midway are 9.2 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 15.4 mi?
- 564) Find the distance between Clayton and Franklin if they are 1.2 cm apart on a map with a scale of 1 cm : 9.5 km.
- 565) Clayton and Salem are 1.9 in apart on a map that has a scale of 1 in : 18.7 mi. How far apart are the real cities?
- 566) A particular train is 17 ft tall. A model of it was built with a scale of 1 in : 3.4 ft. How tall is the model?
- 567) A particular statue is 11.2 ft tall. A model of it was built with a scale of 1 in : 2.8 ft. How tall is the model?
- 568) A model satellite has a scale of 1 in : 4.3 yd. If the model satellite is 4 in wide then how wide is the real satellite?
- 569) A model rocket has a scale of 1 in : 2.4 ft. If the real rocket is 16.8 ft tall then how tall is the model rocket?
- 570) If a 3.4 ft tall globe casts a 19 ft long shadow then how long is the shadow that a 7.9 ft tall adult elephant casts?
- 571) If a 4.3 ft tall bird bath casts a 7.3 ft long shadow then how long is the shadow that a 5.6 ft tall woman casts?
- 572) A lawn that is 3.6 ft tall casts a shadow that is 9.7 ft long. Find the height of a ladder that casts a 22.4 ft shadow.
- 573) A baby giraffe that is 6.5 ft tall casts a shadow that is 14.3 ft long. Find the height of a man that casts a 12.3 ft shadow.
- 574) Find the distance between Midway and Centerville if they are 3.7 in apart on a map with a scale of 1 in : 11.2 mi.

- 575) Find the distance between Johnstown and Union if they are 0.8 cm apart on a map with a scale of 1 cm : 5.4 km.
- 577) A model house has a scale of 1 cm : 9 m. If the model house is 2 cm wide then how wide is the real house?
- 579) A model train has a scale of 1 in : 2.3 ft. If the real train is 16.1 ft tall then how tall is the model train?
- 581) A 4.9 ft tall petrified stump standing next to a globe casts a 10.3 ft shadow. If the globe is 1.5 ft tall then how long is its shadow?
- 583) A tent that is 5.5 ft tall casts a shadow that is 31.9 ft long. Find the height of an adult giraffe that casts a 84.7 ft shadow.
- 585) A map has a scale of 1 cm : 7.1 km. If Clayton and Madison are 2.5 cm apart on the map then how far apart are the real cities?
- 587) A map has a scale of 1 in : 10.5 mi. If Oak Grove and Kumba are 3.8 in apart on the map then how far apart are the real cities?
- 589) A particular train is 16.8 ft tall. A model of it was built with a scale of 1 in : 2.1 ft. How tall is the model?
- 591) A model satellite has a scale of 1 cm : 2 m. If the model satellite is 9 cm wide then how wide is the real satellite?
- 593) A 7.5 ft tall man standing next to an adult elephant casts a 9 ft shadow. If the adult elephant is 11 ft tall then how long is its shadow?
- 595) A 2.8 ft tall baby elephant standing next to a baby giraffe casts a 12.9 ft shadow. If the baby giraffe casts a shadow that is 29 ft long then how tall is it?
- 597) San Jose and Brisbane are 2.7 cm apart on a map that has a scale of 1 cm : 12.2 km. How far apart are the real cities?
- 599) Centerville and Rivertown are 9.4 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 15.6 mi?
- 576) A map has a scale of 1 cm : 14.6 km. If Johnstown and Marion are 21.9 km apart then they are how far apart on the map?
- 578) A model car has a scale of 1 in : 2.8 ft. If the real car is 14 ft long then how long is the model car?
- 580) A particular power plant is 12.4 m tall. A model of it was built with a scale of 1 cm : 3.1 m. How tall is the model?
- 582) If a 4.7 ft tall car casts a 18.3 ft long shadow then how tall is a globe that casts a 10.5 ft shadow?
- 584) If a 5.8 ft tall man casts a 11.6 ft long shadow then how long is the shadow that a 14.7 ft tall tree casts?
- 586) Oak Grove and San Jose are 50.8 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 16.4 mi?
- 588) Rockville and Sun Valley are 15.8 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 5.1 km?
- 590) A particular statue is 14 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?
- 592) A particular car is 15 ft long. A model of it was built with a scale of 1 in : 5 ft. How long is the model?
- 594) A 4.3 ft tall bird bath standing next to a statue casts a 24.5 ft shadow. If the statue casts a shadow that is 94.6 ft long then how tall is it?
- 596) Johnstown and Greenwood are 38 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 18.1 mi?
- 598) Find the distance between San Jose and Johnstown if they are 3.4 in apart on a map with a scale of 1 in : 6.4 mi.
- 600) A model motorcycle is 4 in long. If it was built with a scale of 1 in : 2.5 ft then how long is the real motorcycle?

Proportions - similar figures - word problems

Solve tasks by rounding answer to the nearest whole number:

- 1) A model tree has a scale of 1 cm : 2 m. If ~~1~~ **2 m** the model tree is 6 cm tall then how tall is the real tree?
- 2) A model train has a scale of 1 in : 2 ft. If ~~the~~ **6 in** real train is 12 ft tall then how tall is the model train?
- 3) A model giraffe has a scale of 1 in : 3 ft. If ~~1~~ **2 ft** the model giraffe is 4 in tall then how tall is the real giraffe?
- 4) A particular train is 12 ft tall. A model of ~~it~~ **6 in** was built with a scale of 1 in : 2 ft. How tall is the model?
- 5) A model motorcycle has a scale of 1 in : 3 ~~ft~~ **9 ft**. If the model motorcycle is 3 in long then how long is the real motorcycle?
- 6) A particular submarine is 10 m long. A ~~model~~ **5 cm** model of it was built with a scale of 1 cm : 2 m. How long is the model?
- 7) A particular tree is 12 m tall. A model of ~~it~~ **4 cm** was built with a scale of 1 cm : 3 m. How tall is the model?
- 8) A model giraffe is 5 in tall. If it was built ~~with~~ **20 ft** with a scale of 1 in : 4 ft then how tall is the real giraffe?
- 9) A model statue is 10 in tall. If it was built ~~with~~ **20 ft** with a scale of 1 in : 2 ft then how tall is the real statue?
- 10) A particular igloo is 9 ft wide. A model of ~~it~~ **3 in** was built with a scale of 1 in : 3 ft. How wide is the model?
- 11) A particular motorcycle is 10 ft long. A ~~model~~ **5 in** model of it was built with a scale of 1 in : 2 ft. How long is the model?
- 12) A model satellite has a scale of 1 in : 3 ft. If ~~the~~ **8 ft** the model satellite is 6 in wide then how wide is the real satellite?
- 13) A model statue is 8 in tall. If it was built ~~with~~ **16 ft** with a scale of 1 in : 2 ft then how tall is the real statue?
- 14) A model power plant is 2 cm tall. If it was ~~built~~ **12 m** built with a scale of 1 cm : 6 m then how tall is the real power plant?
- 15) A model house has a scale of 1 cm : 7 m. If ~~the~~ **4 m** the model house is 2 cm wide then how wide is the real house?
- 16) A particular statue is 12 ft tall. A model of ~~it~~ **4 in** it was built with a scale of 1 in : 3 ft. How tall is the model?
- 17) A model train has a scale of 1 in : 5 ft. If ~~the~~ **5 ft** model train is 3 in tall then how tall is the real train?
- 18) A particular igloo is 15 ft wide. A model of ~~it~~ **5 in** it was built with a scale of 1 in : 5 ft. How wide is the model?
- 19) A model submarine is 5 in long. If it was ~~built~~ **10 ft** built with a scale of 1 in : 2 ft then how long is the real submarine?
- 20) A model house has a scale of 1 cm : 2 m. If ~~the~~ **6 cm** the real house is 12 m tall then how tall is the model house?
- 21) A model plane has a scale of 1 cm : 4 m. If ~~the~~ **6 m** the model plane is 4 cm long then how long is the real plane?
- 22) A model car is 4 in long. If it was built with ~~with~~ **2 ft** a scale of 1 in : 3 ft then how long is the real car?
- 23) A model rocket has a scale of 1 cm : 2 m. If ~~the~~ **0 m** the model rocket is 5 cm tall then how tall is the real rocket?
- 24) A particular statue is 14 ft tall. A model of ~~it~~ **7 in** it was built with a scale of 1 in : 2 ft. How tall is the model?
- 25) A model plane has a scale of 1 in : 5 ft. If ~~the~~ **5 ft** the model plane is 3 in tall then how tall is the real plane?
- 26) A model plane has a scale of 1 cm : 4 m. If ~~the~~ **4 cm** the real plane is 16 m tall then how tall is the model plane?
- 27) A particular house is 15 m wide. A model ~~of~~ **5 cm** of it was built with a scale of 1 cm : 3 m. How wide is the model?
- 28) A model igloo is 6 in wide. If it was built ~~with~~ **2 ft** with a scale of 1 in : 2 ft then how wide is the real igloo?
- 29) A model train has a scale of 1 in : 4 ft. If ~~the~~ **3 in** real train is 12 ft tall then how tall is the model train?
- 30) A model giraffe is 3 in tall. If it was built ~~with~~ **12 ft** with a scale of 1 in : 4 ft then how tall is the real giraffe?

- 31) A model giraffe has a scale of 1 in : 6 ft. If ~~2~~ **12 ft** the model giraffe is 2 in tall then how tall is the real giraffe?
- 33) A model plane has a scale of 1 in : 3 ft. If ~~4 in~~ **12 ft** the real plane is 12 ft tall then how tall is the model plane?
- 35) A model building has a scale of 1 cm : 4 m ~~4 cm~~ **16 m** If the real building is 16 m tall then how tall is the model building?
- 37) A particular house is 15 m tall. A model of ~~5 cm~~ **15 m** it was built with a scale of 1 cm : 3 m. How tall is the model?
- 39) A model car has a scale of 1 in : 9 ft. If the ~~18 ft~~ **2 in** model car is 2 in long then how long is the real car?
- 41) A particular house is 16 m wide. A model ~~1 cm~~ **16 m** of it was built with a scale of 1 cm : 4 m. How wide is the model?
- 43) A particular power plant is 10 m tall. A ~~2 cm~~ **10 m** model of it was built with a scale of 1 cm : 5 m. How tall is the model?
- 45) A model house has a scale of 1 cm : 2 m. ~~15 cm~~ **10 m** the real house is 10 m tall then how tall is the model house?
- 47) A model giraffe is 7 in tall. If it was built ~~14 ft~~ **7 in** with a scale of 1 in : 2 ft then how tall is the real giraffe?
- 49) A model satellite is 2 in wide. If it was built ~~6 ft~~ **2 in** with a scale of 1 in : 8 ft then how wide is the real satellite?
- 51) A model motorcycle is 2 in long. If it was ~~10 ft~~ **2 in** built with a scale of 1 in : 5 ft then how long is the real motorcycle?
- 53) A model satellite is 2 cm wide. If it was ~~18 m~~ **2 cm** built with a scale of 1 cm : 9 m then how wide is the real satellite?
- 55) A model power plant is 4 cm tall. If it was ~~12 m~~ **4 cm** built with a scale of 1 cm : 3 m then how tall is the real power plant?
- 57) A model plane has a scale of 1 cm : 5 m. ~~14 cm~~ **5 m** the real plane is 20 m long then how long is the model plane?
- 59) A model plane has a scale of 1 in : 2 ft. If ~~7 in~~ **14 ft** the real plane is 14 ft tall then how tall is the model plane?
- 61) A model house has a scale of 1 cm : 3 m. ~~14 cm~~ **3 m** the real house is 12 m tall then how tall is the model house?
- 63) A model car has a scale of 1 in : 2 ft. If the ~~10 in~~ **20 ft** real car is 20 ft long then how long is the model car?
- 32) A model house is 6 cm wide. If it was built ~~2 m~~ **6 cm** with a scale of 1 cm : 2 m then how wide is the real house?
- 34) A model house has a scale of 1 cm : 8 m. If ~~2 cm~~ **16 m** the real house is 16 m wide then how wide is the model house?
- 36) A model house is 3 cm tall. If it was built ~~8 m~~ **3 cm** with a scale of 1 cm : 6 m then how tall is the real house?
- 38) A model house has a scale of 1 in : 5 ft. If ~~15 ft~~ **3 in** the model house is 3 in wide then how wide is the real house?
- 40) A model igloo has a scale of 1 in : 3 ft. If ~~4 in~~ **12 ft** the real igloo is 12 ft wide then how wide is the model igloo?
- 42) A model train has a scale of 1 in : 2 ft. If the ~~10 ft~~ **5 in** model train is 5 in tall then how tall is the real train?
- 44) A model plane has a scale of 1 in : 3 ft. ~~11 ft~~ **7 in** the model plane is 7 in tall then how tall is the real plane?
- 46) A particular statue is 16 ft tall. A model of ~~8 in~~ **16 ft** it was built with a scale of 1 in : 2 ft. How tall is the model?
- 48) A model plane is 4 cm long. If it was built ~~6 m~~ **4 cm** with a scale of 1 cm : 4 m then how long is the real plane?
- 50) A model plane is 4 in tall. If it was built ~~12 ft~~ **4 in** with a scale of 1 in : 3 ft then how tall is the real plane?
- 52) A model house is 5 cm wide. If it was built ~~5 m~~ **5 cm** with a scale of 1 cm : 3 m then how wide is the real house?
- 54) A particular plane is 20 m long. A model of ~~5 cm~~ **20 m** it was built with a scale of 1 cm : 4 m. How long is the model?
- 56) A particular plane is 12 ft tall. A model of ~~2 in~~ **12 ft** was built with a scale of 1 in : 6 ft. How tall is the model?
- 58) A particular statue is 15 ft tall. A model of ~~5 in~~ **15 ft** it was built with a scale of 1 in : 5 ft. How tall is the model?
- 60) A model tree has a scale of 1 cm : 7 m. If ~~3 cm~~ **21 m** the real tree is 21 m tall then how tall is the model tree?
- 62) A model house has a scale of 1 cm : 4 m. If ~~2 m~~ **3 cm** the model house is 3 cm tall then how tall is the real house?
- 64) A model train has a scale of 1 in : 2 ft. If the ~~14 ft~~ **7 in** model train is 7 in tall then how tall is the real train?

- 65) A particular train is 18 ft tall. A model of ~~10~~ **19** in was built with a scale of 1 in : 2 ft. How tall is the model?
- 66) A model car is 7 in long. If it was built with ~~14~~ **14** ft a scale of 1 in : 2 ft then how long is the real car?
- 67) A model giraffe has a scale of 1 in : 2 ft. If ~~4~~ **14** ft the model giraffe is 7 in tall then how tall is the real giraffe?
- 68) A particular giraffe is 18 ft tall. A model ~~6~~ **6** in it was built with a scale of 1 in : 3 ft. How tall is the model?
- 69) A particular satellite is 14 m wide. A model ~~1~~ **1** cm of it was built with a scale of 1 cm : 7 m. How wide is the model?
- 70) A model statue has a scale of 1 in : 9 ft. If ~~2~~ **2** in the real statue is 18 ft tall then how tall is the model statue?
- 71) A model plane has a scale of 1 in : 4 ft. If ~~3~~ **3** in the real plane is 12 ft tall then how tall is the model plane?
- 72) A model train has a scale of 1 in : 4 ft. If ~~the~~ **3** in real train is 12 ft tall then how tall is the model train?
- 73) A model train has a scale of 1 in : 3 ft. If ~~the~~ **5** in real train is 15 ft tall then how tall is the model train?
- 74) A model car is 3 in long. If it was built with ~~12~~ **12** ft a scale of 1 in : 4 ft then how long is the real car?
- 75) A model plane has a scale of 1 cm : 3 m. If ~~6~~ **6** cm the real plane is 18 m tall then how tall is the model plane?
- 76) A model igloo has a scale of 1 in : 6 ft. If ~~12~~ **12** ft the model igloo is 2 in wide then how wide is the real igloo?
- 77) A model train is 3 in tall. If it was built with ~~21~~ **21** ft a scale of 1 in : 7 ft then how tall is the real train?
- 78) A model plane is 4 in tall. If it was built ~~16~~ **16** ft with a scale of 1 in : 4 ft then how tall is the real plane?
- 79) A model train has a scale of 1 in : 3 ft. If ~~the~~ **8** ft model train is 6 in tall then how tall is the real train?
- 80) A model house is 9 cm wide. If it was built ~~18~~ **18** m with a scale of 1 cm : 2 m then how wide is the real house?
- 81) A particular statue is 16 ft tall. A model ~~8~~ **8** in it was built with a scale of 1 in : 2 ft. How tall is the model?
- 82) A particular house is 16 ft wide. A model ~~8~~ **8** in it was built with a scale of 1 in : 2 ft. How wide is the model?
- 83) A model house is 7 in tall. If it was built ~~14~~ **14** ft with a scale of 1 in : 2 ft then how tall is the real house?
- 84) A model rocket has a scale of 1 cm : 4 m. If ~~5~~ **5** cm the real rocket is 20 m tall then how tall is the model rocket?
- 85) A particular statue is 20 ft tall. A model ~~5~~ **5** in it was built with a scale of 1 in : 4 ft. How tall is the model?
- 86) A model satellite has a scale of 1 cm : 2 m ~~6~~ **6** cm. If the real satellite is 12 m wide then how wide is the model satellite?
- 87) A particular satellite is 12 ft wide. A model ~~1~~ **1** in of it was built with a scale of 1 in : 6 ft. How wide is the model?
- 88) A model plane has a scale of 1 cm : 8 m. If ~~6~~ **6** m the model plane is 2 cm tall then how tall is the real plane?
- 89) A model car has a scale of 1 in : 3 ft. If ~~the~~ **24** ft model car is 8 in long then how long is the real car?
- 90) A model train has a scale of 1 in : 3 ft. If ~~the~~ **5** ft model train is 5 in tall then how tall is the real train?
- 91) A model rocket has a scale of 1 cm : 7 m. If ~~2~~ **2** cm the real rocket is 14 m tall then how tall is the model rocket?
- 92) A model train has a scale of 1 in : 2 ft. If ~~the~~ **7** in real train is 14 ft tall then how tall is the model train?
- 93) A model house has a scale of 1 cm : 4 m. If ~~20~~ **20** m the model house is 5 cm wide then how wide is the real house?
- 94) A model tree has a scale of 1 cm : 3 m. If ~~6~~ **6** cm the real tree is 18 m tall then how tall is the model tree?
- 95) A model car is 6 in long. If it was built with ~~2~~ **2** ft a scale of 1 in : 2 ft then how long is the real car?
- 96) A model giraffe has a scale of 1 in : 3 ft. If ~~2~~ **2** ft the model giraffe is 4 in tall then how tall is the real giraffe?
- 97) A particular statue is 20 ft tall. A model ~~10~~ **10** in it was built with a scale of 1 in : 2 ft. How tall is the model?
- 98) A model power plant has a scale of 1 cm : ~~3~~ **3** cm m. If the real power plant is 15 m tall then how tall is the model power plant?

- 99) A particular car is 14 ft long. A model of **7 in** was built with a scale of 1 in : 2 ft. How long is the model?
- 101) A 10 ft tall adult elephant standing next to a **12 ft** statue casts a 5 ft shadow. If the statue casts a shadow that is 6 ft long then how tall is it?
- 103) A 12 ft tall statue standing next to a car casts **6 ft** a 16 ft shadow. If the car casts a shadow that is 8 ft long then how tall is it?
- 105) A bird bath that is 3 ft tall casts a shadow **12 ft** that is 5 ft long. Find the height of a tree that casts a 20 ft shadow.
- 107) A model motorcycle has a scale of 1 in : 3 ft **12 ft** If the model motorcycle is 4 in long then how long is the real motorcycle?
- 109) A model giraffe has a scale of 1 in : 7 ft. **4 ft** If the model giraffe is 2 in tall then how tall is the real giraffe?
- 111) A telephone booth that is 8 ft tall casts a **1 ft** shadow that is 2 ft long. Find the length of the shadow that a 4 ft baby elephant casts.
- 113) If a 6 ft tall woman casts a 12 ft long **16 ft** shadow then how long is the shadow that a 8 ft tall adult elephant casts?
- 115) A 8 ft tall telephone booth standing next to a **9 ft** woman casts a 12 ft shadow. If the woman is 6 ft tall then how long is her shadow?
- 117) A 2 ft tall cardboard box standing next to a **4 ft** baby elephant casts a 5 ft shadow. If the baby elephant casts a shadow that is 10 ft long then how tall is it?
- 119) A particular statue is 10 ft wide. A model of **5 in** it was built with a scale of 1 in : 2 ft. How wide is the model?
- 121) A model satellite is 2 in wide. If it was built **8 ft** with a scale of 1 in : 9 ft then how wide is the real satellite?
- 123) If a 4 ft tall bird bath casts a 10 ft long **8 ft** shadow then how tall is a petrified stump that casts a 20 ft shadow?
- 125) A 6 ft tall petrified stump standing next to **9 ft** an adult elephant casts a 10 ft shadow. If the adult elephant casts a shadow that is 15 ft long then how tall is it?
- 127) A man that is 6 ft tall casts a shadow that is **9 ft** 3 ft long. Find the length of the shadow that a 18 ft statue casts.
- 129) A statue that is 16 ft tall casts a shadow that **8 ft** is 8 ft long. Find the height of an adult giraffe that casts a 9 ft shadow.
- 100) A model rocket has a scale of 1 in : 3 ft. **8 ft** If the model rocket is 6 in tall then how tall is the real rocket?
- 102) If a 2 ft tall lawn casts a 1 ft long **8 ft** shadow then how long is the shadow that a 16 ft tall statue casts?
- 104) A model train is 3 in tall. If it was built with **12 ft** a scale of 1 in : 4 ft then how tall is the real train?
- 106) A particular train is 18 ft tall. A model of **6 in** was built with a scale of 1 in : 3 ft. How tall is the model?
- 108) A model train is 9 in tall. If it was built with **18 ft** a scale of 1 in : 2 ft then how tall is the real train?
- 110) A model giraffe has a scale of 1 in : 5 ft. **5 in** If the real giraffe is 10 ft tall then how tall is the model giraffe?
- 112) A 10 ft tall statue standing next to a woman **12 ft** casts a 20 ft shadow. If the woman is 6 ft tall then how long is her shadow?
- 114) A cardboard box that is 3 ft tall casts a **9 ft** shadow that is 5 ft long. Find the height of a telephone booth that casts a 15 ft shadow.
- 116) A model statue is 6 in tall. If it was built **12 ft** with a scale of 1 in : 2 ft then how tall is the real statue?
- 118) A particular satellite is 20 ft wide. A model **4 in** of it was built with a scale of 1 in : 5 ft. How wide is the model?
- 120) A model train has a scale of 1 in : 4 ft. If the **3 in** real train is 12 ft tall then how tall is the model train?
- 122) A 4 ft tall petrified stump standing next to a **16 ft** baby giraffe casts a 8 ft shadow. If the baby giraffe is 8 ft tall then how long is its shadow?
- 124) An adult giraffe that is 18 ft tall casts a **3 ft** shadow that is 12 ft long. Find the height of a lawn that casts a 2 ft shadow.
- 126) A model satellite has a scale of 1 cm : 2 m **8 cm** If the real satellite is 16 m wide then how wide is the model satellite?
- 128) A model rocket has a scale of 1 cm : 6 m. **18 cm** If the real rocket is 18 m tall then how tall is the model rocket?
- 130) A particular train is 21 ft tall. A model of **3 in** was built with a scale of 1 in : 7 ft. How tall is the model?

- 131) A model igloo has a scale of 1 in : 4 ft. If **3 in** the real igloo is 12 ft wide then how wide is the model igloo?
- 133) If a 6 ft tall cardboard box casts a 3 ft long **2 ft** shadow then how long is the shadow that a 4 ft tall bird bath casts?
- 135) If a 8 ft tall telephone booth casts a 12 ft **9 ft** long shadow then how long is the shadow that a 6 ft tall petrified stump casts?
- 137) A model plane has a scale of 1 cm : 4 m. If **2 m** the model plane is 3 cm tall then how tall is the real plane?
- 139) A particular house is 14 m wide. A model **7 cm** of it was built with a scale of 1 cm : 2 m. How wide is the model?
- 141) A particular statue is 10 ft tall. A model of **6 in** it was built with a scale of 1 in : 2 ft. How tall is the model?
- 143) A model motorcycle has a scale of 1 in : 3 ft **4 in** If the real motorcycle is 12 ft long then how long is the model motorcycle?
- 145) A 2 ft tall globe standing next to a ladder **14 ft** casts a 1 ft shadow. If the ladder casts a shadow that is 7 ft long then how tall is it?
- 147) A ladder that is 20 ft tall casts a shadow that **4 ft** is 15 ft long. Find the height of a bird bath that casts a 3 ft shadow.
- 149) A model car has a scale of 1 in : 2 ft. If the **6 ft** model car is 8 in long then how long is the real car?
- 151) A model igloo is 2 in wide. If it was built **2 ft** with a scale of 1 in : 6 ft then how wide is the real igloo?
- 153) A 2 ft tall globe standing next to a lawn **14 ft** casts a 7 ft shadow. If the lawn is 4 ft tall then how long is its shadow?
- 155) A globe that is 2 ft tall casts a shadow that **6 ft** is 6 ft long. Find the height of a baby giraffe that casts a 18 ft shadow.
- 157) A particular giraffe is 9 ft tall. A model of **3 in** was built with a scale of 1 in : 3 ft. How tall is the model?
- 159) A model power plant is 3 cm tall. If it was **9 m** built with a scale of 1 cm : 3 m then how tall is the real power plant?
- 161) A particular statue is 18 ft tall. A model of **6 in** it was built with a scale of 1 in : 2 ft. How tall is the model?
- 132) If a 15 ft tall statue casts a 10 ft long shadow **12 ft** then how tall is a ladder that casts a 8 ft shadow?
- 134) A 10 ft tall statue standing next to a woman **3 ft** casts a 6 ft shadow. If the woman is 5 ft tall then how long is her shadow?
- 136) A 2 ft tall globe standing next to a telephone **6 ft** booth casts a 4 ft shadow. If the telephone booth is 8 ft tall then how long is its shadow?
- 138) A telephone booth that is 9 ft tall casts a **4 ft** shadow that is 6 ft long. Find the length of the shadow that a 6 ft woman casts.
- 140) A model rocket has a scale of 1 cm : 4 m. If **20 m** the model rocket is 5 cm tall then how tall is the real rocket?
- 142) A model statue is 6 in tall. If it was built **12 ft** with a scale of 1 in : 2 ft then how tall is the real statue?
- 144) A woman that is 6 ft tall casts a shadow that **3 ft** is 9 ft long. Find the length of the shadow that a 2 ft lawn casts.
- 146) A baby giraffe that is 6 ft tall casts a shadow **4 ft** that is 9 ft long. Find the height of a bird bath that casts a 6 ft shadow.
- 148) A 15 ft tall statue standing next to a car casts **8 ft** a 20 ft shadow. If the car is 6 ft tall then how long is its shadow?
- 150) A model satellite has a scale of 1 cm : 10 m **20 m** If the model satellite is 2 cm wide then how wide is the real satellite?
- 152) A model giraffe is 5 in tall. If it was built **10 ft** with a scale of 1 in : 2 ft then how tall is the real giraffe?
- 154) A 18 ft tall adult giraffe standing next to **4 ft** baby elephant casts a 9 ft shadow. If the baby elephant casts a shadow that is 2 ft long then how tall is it?
- 156) A 6 ft tall car standing next to a telephone **18 ft** booth casts a 12 ft shadow. If the telephone booth is 9 ft tall then how long is its shadow?
- 158) A model tree has a scale of 1 in : 2 ft. If the **20 ft** model tree is 10 in tall then how tall is the real tree?
- 160) A model statue is 7 in tall. If it was built **14 ft** with a scale of 1 in : 2 ft then how tall is the real statue?
- 162) A 3 ft tall baby elephant standing next to **15 ft** tent casts a 5 ft shadow. If the tent is 9 ft tall then how long is its shadow?

- 163) A 16 ft tall adult giraffe standing next to a 3 ft man casts a 8 ft shadow. If the man is 6 ft tall then how long is his shadow?
- 164) A 16 ft tall adult giraffe standing next to a 1 ft globe casts a 8 ft shadow. If the globe is 2 ft tall then how long is its shadow?
- 165) If a 4 ft tall bird bath casts a 6 ft long 10 ft shadow then how tall is an adult elephant that casts a 15 ft shadow?
- 166) A 9 ft tall adult elephant standing next to a 1 ft bird bath casts a 3 ft shadow. If the bird bath is 3 ft tall then how long is its shadow?
- 167) A model satellite has a scale of 1 in : 4 yd. 16 yd If the model satellite is 4 in wide then how wide is the real satellite?
- 168) A model rocket has a scale of 1 cm : 5 m. If 3 cm the real rocket is 15 m tall then how tall is the model rocket?
- 169) A particular satellite is 16 m wide. A model 8 cm of it was built with a scale of 1 cm : 2 m. How wide is the model?
- 170) A model car has a scale of 1 in : 3 ft. If the 2 ft model car is 4 in long then how long is the real car?
- 171) A woman that is 6 ft tall casts a shadow that 9 ft is 8 ft long. Find the height of a telephone booth that casts a 12 ft shadow.
- 172) A petrified stump that is 6 ft tall casts a 20 ft shadow that is 12 ft long. Find the length of the shadow that a 10 ft adult elephant casts.
- 173) A statue that is 16 ft tall casts a shadow that 2 ft is 8 ft long. Find the length of the shadow that a 4 ft baby elephant casts.
- 174) If a 6 ft tall ladder casts a 10 ft long shadow 3 ft then how tall is a globe that casts a 5 ft shadow?
- 175) A cardboard box that is 6 ft tall casts a 16 ft shadow that is 3 ft long. Find the height of a flagpole that casts a 8 ft shadow.
- 176) A model car has a scale of 1 in : 3 ft. If the 8 ft model car is 6 in long then how long is the real car?
- 177) A model statue is 4 in tall. If it was built 12 ft with a scale of 1 in : 3 ft then how tall is the real statue?
- 178) A model power plant is 2 cm tall. If it was 18 m built with a scale of 1 cm : 9 m then how tall is the real power plant?
- 179) If a 6 ft tall baby giraffe casts a 9 ft long 8 ft shadow then how tall is a telephone booth that casts a 12 ft shadow?
- 180) A 9 ft tall tent standing next to a baby 4 ft giraffe casts a 6 ft shadow. If the baby giraffe is 6 ft tall then how long is its shadow?
- 181) A 4 ft tall car standing next to a statue casts 8 ft a 2 ft shadow. If the statue is 16 ft tall then how long is its shadow?
- 182) If a 6 ft tall ladder casts a 12 ft long shadow 8 ft then how tall is a petrified stump that casts a 16 ft shadow?
- 183) A model igloo is 5 in wide. If it was built 10 ft with a scale of 1 in : 2 ft then how wide is the real igloo?
- 184) A model rocket is 4 cm tall. If it was built 2 m with a scale of 1 cm : 3 m then how tall is the real rocket?
- 185) A model house is 2 cm tall. If it was built 2 m with a scale of 1 cm : 6 m then how tall is the real house?
- 186) A model giraffe has a scale of 1 in : 2 ft. If in the real giraffe is 10 ft tall then how tall is the model giraffe?
- 187) A car that is 6 ft tall casts a shadow that is 3 8 ft ft long. Find the height of an adult giraffe that casts a 9 ft shadow.
- 188) A cardboard box that is 8 ft tall casts a 4 ft shadow that is 16 ft long. Find the height of a petrified stump that casts a 8 ft shadow.
- 189) A 8 ft tall baby giraffe standing next to a 4 ft bird bath casts a 20 ft shadow. If the bird bath casts a shadow that is 10 ft long then how tall is it?
- 190) A 16 ft tall ladder standing next to a bird 4 ft bath casts a 4 ft shadow. If the bird bath casts a shadow that is 1 ft long then how tall is it?
- 191) A model motorcycle has a scale of 1 in : 5 ft. 10 ft If the model motorcycle is 2 in long then how long is the real motorcycle?
- 192) A 6 ft tall woman standing next to a baby 3 ft elephant casts a 20 ft shadow. If the baby elephant casts a shadow that is 10 ft long then how tall is it?
- 193) A particular satellite is 15 m wide. A model 5 cm of it was built with a scale of 1 cm : 3 m. How wide is the model?
- 194) A model igloo has a scale of 1 in : 4 ft. If 3 in the real igloo is 12 ft wide then how wide is the model igloo?

- 195) A 8 ft tall telephone booth standing next to a 6 ft woman casts a 4 ft shadow. If the woman casts a shadow that is 3 ft long then how tall is she?
- 196) If a 8 ft tall telephone booth casts a 3 ft long shadow then how tall is an adult giraffe that casts a 6 ft shadow?
- 197) If a 9 ft tall telephone booth casts a 3 ft long shadow then how long is the shadow that a 6 ft tall lawn casts?
- 198) If a 8 ft tall telephone booth casts a 12 ft long shadow then how long is the shadow that a 10 ft tall adult elephant casts?
- 199) A 10 ft tall tent standing next to a woman casts a 14 ft shadow. If the woman is 5 ft tall then how long is her shadow?
- 200) A lawn that is 3 ft tall casts a shadow that is 8 ft long. Find the height of a man that casts a 16 ft shadow.
- 201) A model car has a scale of 1 in : 2 ft. If the model car is 7 in long then how long is the real car?
- 202) A model igloo has a scale of 1 in : 2 ft. If the real igloo is 14 ft wide then how wide is the model igloo?
- 203) A model satellite is 7 cm wide. If it was built with a scale of 1 cm : 2 m then how wide is the real satellite?
- 204) A particular building is 15 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 205) A 6 ft tall car standing next to a baby elephant casts a 15 ft shadow. If the baby elephant is 4 ft tall then how long is its shadow?
- 206) An adult giraffe that is 15 ft tall casts a shadow that is 5 ft long. Find the height of a globe that casts a 1 ft shadow.
- 207) If a 4 ft tall car casts a 1 ft long shadow then how long is the shadow that a 8 ft tall petrified stump casts?
- 208) Find the distance between Union and Mount Pleasant on a map with a scale of 1 in : 12 mi if they are actually 84 mi apart.
- 209) Find the distance between Union and Clayton if they are 10 cm apart on a map with a scale of 1 cm : 11 km.
- 210) A map has a scale of 1 cm : 9 km. If Midway and Santa Cruz are 45 km apart then they are how far apart on the map?
- 211) Find the distance between Johnstown and Brisbane on a map with a scale of 1 in : 8 mi if they are actually 56 mi apart.
- 212) A model igloo has a scale of 1 in : 3 ft. If the model igloo is 6 in wide then how wide is the real igloo?
- 213) A model satellite has a scale of 1 cm : 5 m. If the real satellite is 10 m wide then how wide is the model satellite?
- 214) A model house is 6 cm wide. If it was built with a scale of 1 cm : 2 m then how wide is the real house?
- 215) A model house has a scale of 1 in : 3 yd. If the real house is 12 yd wide then how wide is the model house?
- 216) A statue that is 18 ft tall casts a shadow that is 9 ft long. Find the height of a tent that casts a 2 ft shadow.
- 217) A tent that is 6 ft tall casts a shadow that is 8 ft long. Find the height of a baby giraffe that casts a 12 ft shadow.
- 218) A telephone booth that is 8 ft tall casts a shadow that is 4 ft long. Find the height of an adult elephant that casts a 5 ft shadow.
- 219) A lawn that is 2 ft tall casts a shadow that is 1 ft long. Find the height of a woman that casts a 3 ft shadow.
- 220) A map has a scale of 1 in : 4 mi. If Milton and Victoria are 24 mi apart then they are how far apart on the map?
- 221) Madison and Milton are 180 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 20 mi?
- 222) Clayton and Yorkshire are 2 cm apart on a map that has a scale of 1 cm : 19 km. How far apart are the real cities?
- 223) A particular train is 15 ft tall. A model of it was built with a scale of 1 in : 3 ft. How tall is the model?
- 224) A model giraffe is 2 in tall. If it was built with a scale of 1 in : 8 ft then how tall is the real giraffe?
- 225) A model train is 5 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real train?
- 226) A model house has a scale of 1 cm : 2 m. If the model house is 5 cm tall then how tall is the real house?

- 227) A 15 ft tall ladder standing next to a telephone booth casts a 10 ft shadow. If the telephone booth is 9 ft tall then how long is its shadow? **6 ft**
- 228) A baby giraffe that is 6 ft tall casts a shadow that is 15 ft long. Find the height of an adult elephant that casts a 20 ft shadow. **8 ft**
- 229) A 6 ft tall man standing next to an adult giraffe casts a 3 ft shadow. If the adult giraffe is 16 ft tall then how long is its shadow? **8 ft**
- 230) Find the distance between Georgetown and Smithville on a map with a scale of 1 in : 15 mi if they are actually 150 mi apart. **10 in**
- 231) Find the distance between Smithville and Rockville if they are 4 in apart on a map with a scale of 1 in : 13 mi. **52 mi**
- 232) Find the distance between Johnstown and Riverside if they are 6 cm apart on a map with a scale of 1 cm : 12 km. **72 km**
- 233) Find the distance between San Jose and Midway on a map with a scale of 1 cm : 10 km if they are actually 90 km apart. **9 cm**
- 234) A model power plant has a scale of 1 cm : 7 cm m. If the real power plant is 14 m tall then how tall is the model power plant? **2 cm**
- 235) A model tree has a scale of 1 cm : 4 m. If the model tree is 4 cm tall then how tall is the real tree? **16 m**
- 236) A model power plant has a scale of 1 cm : 3 cm m. If the real power plant is 15 m tall then how tall is the model power plant? **5 cm**
- 237) A 16 ft tall adult giraffe standing next to an adult elephant casts a 8 ft shadow. If the adult elephant casts a shadow that is 5 ft long then how tall is it? **10 ft**
- 238) A 6 ft tall woman standing next to a globe casts a 9 ft shadow. If the globe is 2 ft tall then how long is its shadow? **3 ft**
- 239) A 14 ft tall adult giraffe standing next to a man casts a 7 ft shadow. If the man is 6 ft tall then how long is his shadow? **3 ft**
- 240) A 3 ft tall bird bath standing next to a statue casts a 2 ft shadow. If the statue casts a shadow that is 10 ft long then how tall is it? **15 ft**
- 241) Find the distance between Madison and Rivertown if they are 5 cm apart on a map with a scale of 1 cm : 8 km. **40 km**
- 242) A map has a scale of 1 cm : 6 km. If Fairview and Mount Pleasant are 8 cm apart on the map then how far apart are the real cities? **48 km**
- 243) A map has a scale of 1 in : 5 mi. If Fairview and Oak Grove are 10 mi apart then they are how far apart on the map? **2 in**
- 244) A map has a scale of 1 cm : 3 km. If Rockville and Greenwood are 5 cm apart on the map then how far apart are the real cities? **15 km**
- 245) A model giraffe has a scale of 1 in : 4 ft. If the real giraffe is 12 ft tall then how tall is the model giraffe? **3 in**
- 246) A particular giraffe is 16 ft tall. A model it was built with a scale of 1 in : 2 ft. How tall is the model? **8 in**
- 247) A model submarine is 4 cm long. If it was built with a scale of 1 cm : 5 m then how long is the real submarine? **20 m**
- 248) If a 18 ft tall statue casts a 9 ft long shadow then how long is the shadow that a 8 ft tall cardboard box casts? **4 ft**
- 249) A 9 ft tall telephone booth standing next to a baby giraffe casts a 3 ft shadow. If the baby giraffe is 6 ft tall then how long is its shadow? **2 ft**
- 250) San Jose and Brisbane are 40 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 10 km? **4 cm**
- 251) Marion and Franklin are 68 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 17 km? **4 cm**
- 252) Marion and Salem are 6 cm apart on a map that has a scale of 1 cm : 16 km. How far apart are the real cities? **96 km**
- 253) Franklin and Madison are 9 in apart on a map that has a scale of 1 in : 14 mi. How far apart are the real cities? **126 mi**
- 254) A particular car is 18 ft long. A model of it was built with a scale of 1 in : 6 ft. How long is the model? **3 in**
- 255) A particular giraffe is 12 ft tall. A model it was built with a scale of 1 in : 3 ft. How tall is the model? **4 ft**
- 256) A model car has a scale of 1 in : 3 ft. If the model car is 4 in long then how long is the real car? **12 ft**

- 257) A model car is 4 in long. If it was built with a scale of 1 in : 5 ft then how long is the real car? **20 ft**
- 259) A globe that is 3 ft tall casts a shadow that is 6 ft long. Find the height of a telephone booth that casts a 18 ft shadow. **18 ft**
- 261) An adult giraffe that is 14 ft tall casts a shadow that is 7 ft long. Find the height of a tree that casts a 3 ft shadow. **6 ft**
- 263) Find the distance between Yorkshire and Marion if they are 10 cm apart on a map with a scale of 1 cm : 9 km. **90 km**
- 265) Find the distance between Salem and Milton on a map with a scale of 1 in : 6 mi if they are actually 42 mi apart. **7 in**
- 267) A model train has a scale of 1 in : 10 ft. If the model train is 2 in tall then how tall is the real train? **20 ft**
- 269) A statue that is 15 ft tall casts a shadow that is 3 ft long. Find the length of the shadow that a 5 ft bird bath casts. **1 ft**
- 271) If a 6 ft tall petrified stump casts a 3 ft long shadow then how tall is a bird bath that casts a 2 ft shadow? **4 ft**
- 273) A map has a scale of 1 in : 20 mi. If Franklin and Kumba are 120 mi apart then they are how far apart on the map? **6 in**
- 275) A map has a scale of 1 in : 16 mi. If Kumba and Rockville are 3 in apart on the map then how far apart are the real cities? **48 mi**
- 277) A model car has a scale of 1 in : 2 ft. If the model car is 7 in long then how long is the real car? **14 ft**
- 279) A model train is 3 in tall. If it was built with a scale of 1 in : 3 ft then how tall is the real train? **9 ft**
- 281) A bird bath that is 4 ft tall casts a shadow that is 9 ft long. Find the height of a tent that casts a 18 ft shadow. **8 ft**
- 283) Santa Cruz and Clinton are 112 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 14 km? **8 cm**
- 285) Greenwood and Rivertown are 4 in apart on a map that has a scale of 1 in : 11 mi. How far apart are the real cities? **44 mi**
- 287) A particular car is 18 ft long. A model of it was built with a scale of 1 in : 3 ft. How long is the model? **6 in**
- 258) A statue that is 14 ft tall casts a shadow that is 7 ft long. Find the length of the shadow that a 4 ft baby elephant casts. **2 ft**
- 260) A 4 ft tall petrified stump standing next to a baby giraffe casts a 5 ft shadow. If the baby giraffe casts a shadow that is 10 ft long then how tall is it? **8 ft**
- 262) Find the distance between Yorkshire and Union if they are 8 in apart on a map with a scale of 1 in : 10 mi. **80 mi**
- 264) Find the distance between Santa Cruz and Victoria on a map with a scale of 1 cm : 7 km if they are actually 28 km apart. **4 cm**
- 266) A model igloo has a scale of 1 in : 2 ft. If the model igloo is 5 in wide then how wide is the real igloo? **10 ft**
- 268) A model giraffe has a scale of 1 in : 3 ft. If the model giraffe is 6 in tall then how tall is the real giraffe? **18 ft**
- 270) If a 10 ft tall tent casts a 5 ft long shadow then how tall is a car that casts a 2 ft shadow? **4 ft**
- 272) A map has a scale of 1 in : 3 mi. If Franklin and San Jose are 3 in apart on the map then how far apart are the real cities? **9 mi**
- 274) A map has a scale of 1 cm : 18 km. If Rivertown and Sun Valley are 162 km apart then they are how far apart on the map? **9 cm**
- 276) A model car has a scale of 1 in : 2 ft. If the real car is 14 ft long then how long is the model car? **7 in**
- 278) A model statue is 2 in tall. If it was built with a scale of 1 in : 6 ft then how tall is the real statue? **12 ft**
- 280) A telephone booth that is 9 ft tall casts a shadow that is 3 ft long. Find the height of a cardboard box that casts a 1 ft shadow. **3 ft**
- 282) If a 15 ft tall statue casts a 9 ft long shadow then how long is the shadow that a 5 ft tall baby elephant casts? **3 ft**
- 284) Santa Cruz and Smithville are 2 cm apart on a map that has a scale of 1 cm : 13 km. How far apart are the real cities? **26 km**
- 286) Riverside and Mount Pleasant are 63 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 9 km? **7 cm**
- 288) A particular house is 12 m wide. A model of it was built with a scale of 1 cm : 3 m. How wide is the model? **4 cm**

- 289) A 15 ft tall statue standing next to a woman 4 ft tall casts a 12 ft shadow. If the woman is 5 ft tall then how long is her shadow?
- 291) A globe that is 2 ft tall casts a shadow that is 1 ft long. Find the height of a bird bath that casts a 2 ft shadow.
- 293) Find the distance between Rivertown and Abbots Rise if they are 6 cm apart on a map with a scale of 1 cm : 6 km.
- 295) Find the distance between Union and Oak Grove on a map with a scale of 1 in : 20 mi if they are actually 40 mi apart.
- 297) An adult giraffe that is 18 ft tall casts a shadow that is 9 ft long. Find the length of the shadow that a 16 ft tree casts.
- 299) If a 6 ft tall woman casts a 4 ft long shadow then how tall is a telephone booth that casts a 6 ft shadow?
- 290) A man that is 6 ft tall casts a shadow that is 4 ft long. Find the length of the shadow that a 15 ft adult giraffe casts.
- 292) A 4 ft tall bird bath standing next to a statue casts a 2 ft shadow. If the statue casts a shadow that is 8 ft long then how tall is it?
- 294) Find the distance between Kumba and Georgetown on a map with a scale of 1 in : 4 mi if they are actually 32 mi apart.
- 296) A model house is 2 cm wide. If it was built with a scale of 1 cm : 6 m then how wide is the real house?
- 298) A 15 ft tall adult giraffe standing next to an adult elephant casts a 18 ft shadow. If the adult elephant is 10 ft tall then how long is its shadow?
- 300) A map has a scale of 1 in : 16 mi. If Greenwood and Midway are 32 mi apart then they are how far apart on the map?

Solve tasks by rounding answer to the nearest tenth:

- 301) A model statue is 2 in wide. If it was built with a scale of 1 in : 5 ft then how wide is the real statue?
- 303) A model plane is 7 in tall. If it was built with a scale of 1 in : 2 ft then how tall is the real plane?
- 305) A model plane has a scale of 1 in : 10 ft. If the model plane is 2 in tall then how tall is the real plane?
- 307) A model house has a scale of 1 in : 5 ft. If the model house is 4 in tall then how tall is the real house?
- 309) A model rocket has a scale of 1 cm : 2.8 m. If the model rocket is 7 cm tall then how tall is the real rocket?
- 311) A particular house is 12.2 m wide. A model of it was built with a scale of 1 cm : 6.1 m. How wide is the model?
- 313) A model house has a scale of 1 in : 3.3 ft. If the model house is 6 in wide then how wide is the real house?
- 315) A model power plant has a scale of 1 cm : 3.4 m. If the real power plant is 10.2 m tall then how tall is the model power plant?
- 317) A model train has a scale of 1 in : 2.8 ft. If the model train is 5 in tall then how tall is the real train?
- 319) A model satellite has a scale of 1 cm : 3 m. If the model satellite is 6 cm wide then how wide is the real satellite?
- 302) A particular igloo is 9.9 ft wide. A model of it was built with a scale of 1 in : 3.3 ft. How wide is the model?
- 304) A model igloo has a scale of 1 in : 1.8 ft. If the model igloo is 6 in wide then how wide is the real igloo?
- 306) A model train has a scale of 1 in : 2 ft. If the model train is 6 in tall then how tall is the real train?
- 308) A model igloo has a scale of 1 in : 2 ft. If the real igloo is 10 ft wide then how wide is the model igloo?
- 310) A model car is 7 in long. If it was built with a scale of 1 in : 1.9 ft then how long is the real car?
- 312) A model train has a scale of 1 in : 3.4 ft. If the model train is 5 in tall then how tall is the real train?
- 314) A particular giraffe is 11 ft tall. A model of it was built with a scale of 1 in : 5.5 ft. How tall is the model?
- 316) A model igloo has a scale of 1 in : 3.3 ft. If the model igloo is 3 in wide then how wide is the real igloo?
- 318) A model satellite is 5 in wide. If it was built with a scale of 1 in : 2 ft then how wide is the real satellite?
- 320) A model tree has a scale of 1 cm : 3.9 m. If the real tree is 19.5 m tall then how tall is the model tree?

- 321) A model rocket has a scale of 1 cm : 4.1 m. **3 cm** If the real rocket is 12.3 m tall then how tall is the model rocket?
- 322) A model car has a scale of 1 in : 5 ft. If the **2 in** real car is 10 ft long then how long is the model car?
- 323) A model satellite has a scale of 1 in : 2.2 ft **6 in** If the real satellite is 13.2 ft wide then how wide is the model satellite?
- 324) A particular car is 16.8 ft long. A model of **6 in** it was built with a scale of 1 in : 2.8 ft. How long is the model?
- 325) A particular giraffe is 14 ft tall. A model of **6 in** it was built with a scale of 1 in : 2.8 ft. How tall is the model?
- 326) A model car has a scale of 1 in : 9.5 ft. If **2 in** the real car is 19 ft long then how long is the model car?
- 327) A model rocket has a scale of 1 in : 4.5 ft. If **8 ft** the model rocket is 4 in tall then how tall is the real rocket?
- 328) A model statue has a scale of 1 in : 2.5 ft. If **4 in** the real statue is 10 ft wide then how wide is the model statue?
- 329) A model igloo has a scale of 1 in : 1.8 ft. **6 in** the real igloo is 10.8 ft wide then how wide is the model igloo?
- 330) A model igloo is 5 in wide. If it was built **11 ft** with a scale of 1 in : 2.2 ft then how wide is the real igloo?
- 331) A model car is 4 in long. If it was built with **5.2 ft** a scale of 1 in : 3.8 ft then how long is the real car?
- 332) A model plane has a scale of 1 cm : 2.8 m. **4 cm** If the real plane is 11.2 m long then how long is the model plane?
- 333) A model giraffe is 9 in tall. If it was built **18 ft** with a scale of 1 in : 2 ft then how tall is the real giraffe?
- 334) A model car is 8 in long. If it was built with **16.8 ft** a scale of 1 in : 2.1 ft then how long is the real car?
- 335) A model car is 9 in long. If it was built with **19.8 ft** a scale of 1 in : 2.2 ft then how long is the real car?
- 336) A model house has a scale of 1 cm : 2.9 m. **14.5 m** If the model house is 5 cm wide then how wide is the real house?
- 337) A model satellite has a scale of 1 cm : 6.5 m **13 m** If the model satellite is 2 cm wide then how wide is the real satellite?
- 338) A particular car is 18.4 ft long. A model of **8 in** it was built with a scale of 1 in : 2.3 ft. How long is the model?
- 339) A model power plant has a scale of 1 cm : **18.5 m** 3.7 m. If the model power plant is 5 cm tall then how tall is the real power plant?
- 340) A model igloo is 2 in wide. If it was built **13 ft** with a scale of 1 in : 6.5 ft then how wide is the real igloo?
- 341) A model igloo has a scale of 1 in : 3 ft. If **4 in** the real igloo is 12 ft wide then how wide is the model igloo?
- 342) A model giraffe has a scale of 1 in : 2.8 ft **4 in** If the real giraffe is 11.2 ft tall then how tall is the model giraffe?
- 343) A model car has a scale of 1 in : 6.7 ft. If **3 in** the real car is 20.1 ft long then how long is the model car?
- 344) A model plane has a scale of 1 cm : 2.1 m. **7 cm** If the real plane is 14.7 m tall then how tall is the model plane?
- 345) A model house has a scale of 1 in : 3.3 ft. **6 in** the real house is 19.8 ft tall then how tall is the model house?
- 346) A model train has a scale of 1 in : 4.5 ft. **4 in** the real train is 18 ft tall then how tall is the model train?
- 347) A particular statue is 18.2 ft tall. A model **7 in** of it was built with a scale of 1 in : 2.6 ft. How tall is the model?
- 348) A model house has a scale of 1 cm : 2.1 m. **8 cm** If the real house is 16.8 m wide then how wide is the model house?
- 349) A model train has a scale of 1 in : 4 ft. If the **3 in** real train is 12 ft tall then how tall is the model train?
- 350) A particular train is 16.8 ft tall. A model of **7 in** it was built with a scale of 1 in : 2.4 ft. How tall is the model?
- 351) A model train has a scale of 1 in : 2.2 ft. **9 in** the real train is 19.8 ft tall then how tall is the model train?
- 352) A particular igloo is 15 ft wide. A model of **2 in** it was built with a scale of 1 in : 7.5 ft. How wide is the model?
- 353) A model house has a scale of 1 cm : 2.3 m. **11.5 m** If the model house is 5 cm tall then how tall is the real house?
- 354) A model giraffe is 2 in tall. If it was built **18 ft** with a scale of 1 in : 9 ft then how tall is the real giraffe?

- 355) A model house has a scale of 1 in : 3.6 ft. If **8 ft** the model house is 5 in wide then how wide is the real house?
- 357) A model igloo has a scale of 1 in : 3 ft. If **5 in** the real igloo is 15 ft wide then how wide is the model igloo?
- 359) A particular rocket is 11.1 ft tall. A model **3 in** of it was built with a scale of 1 in : 3.7 ft. How tall is the model?
- 361) A model giraffe has a scale of 1 in : 2.1 ft. **7 in** If the real giraffe is 14.7 ft tall then how tall is the model giraffe?
- 363) A model tree has a scale of 1 in : 2.4 ft. **16 in** the real tree is 12 ft tall then how tall is the model tree?
- 365) A model statue is 9 in tall. If it was built **17.1 ft** with a scale of 1 in : 1.9 ft then how tall is the real statue?
- 367) A model giraffe is 4 in tall. If it was built **16 ft** with a scale of 1 in : 4 ft then how tall is the real giraffe?
- 369) A model car is 2 in long. If it was built with **4 ft** a scale of 1 in : 7 ft then how long is the real car?
- 371) A model power plant has a scale of 1 cm : **212 m** m. If the model power plant is 6 cm tall then how tall is the real power plant?
- 373) A model satellite has a scale of 1 in : 6.2 yd **3 in** If the real satellite is 18.6 yd wide then how wide is the model satellite?
- 375) A particular car is 17.1 ft long. A model of **3 in** it was built with a scale of 1 in : 5.7 ft. How long is the model?
- 377) A particular statue is 12 ft tall. A model of **3 in** it was built with a scale of 1 in : 6 ft. How tall is the model?
- 379) A model house is 3 cm wide. If it was built **1.1 m** with a scale of 1 cm : 3.7 m then how wide is the real house?
- 381) A model satellite has a scale of 1 in : 2.2 yd **13.2 yd** If the model satellite is 6 in wide then how wide is the real satellite?
- 383) A particular train is 18 ft tall. A model of **9 in** was built with a scale of 1 in : 2 ft. How tall is the model?
- 385) A model satellite has a scale of 1 cm : 9.5 m **19 m** If the model satellite is 2 cm wide then how wide is the real satellite?
- 387) A model satellite has a scale of 1 cm : 2.1 m **12.6 m** If the model satellite is 6 cm wide then how wide is the real satellite?
- 356) A model motorcycle has a scale of 1 in : 2.5 **10 ft** ft. If the model motorcycle is 4 in long then how long is the real motorcycle?
- 358) A model house has a scale of 1 cm : 6.9 m. **13.8 m** If the model house is 2 cm tall then how tall is the real house?
- 360) A model house has a scale of 1 cm : 5.3 m. **2 cm** If the real house is 10.6 m tall then how tall is the model house?
- 362) A model power plant has a scale of 1 cm : **18.9 m** 2.1 m. If the model power plant is 9 cm tall then how tall is the real power plant?
- 364) A model car has a scale of 1 in : 8 ft. If the **6 ft** model car is 2 in long then how long is the real car?
- 366) A model giraffe has a scale of 1 in : 2.8 ft. **11.2 ft** If the model giraffe is 4 in tall then how tall is the real giraffe?
- 368) A model tree has a scale of 1 cm : 2.4 m. **16 cm** the real tree is 14.4 m tall then how tall is the model tree?
- 370) A model car has a scale of 1 in : 1.9 ft. If **10 in** the real car is 19 ft long then how long is the model car?
- 372) A model igloo is 6 in wide. If it was built **15 ft** with a scale of 1 in : 2.5 ft then how wide is the real igloo?
- 374) A particular house is 14.6 m wide. A model **2 cm** of it was built with a scale of 1 cm : 7.3 m. How wide is the model?
- 376) A model house has a scale of 1 cm : 2.2 m. **8 cm** If the real house is 17.6 m wide then how wide is the model house?
- 378) A model satellite has a scale of 1 in : 2.6 ft **13 ft** If the model satellite is 5 in wide then how wide is the real satellite?
- 380) A model house is 3 cm tall. If it was built **10.5 m** with a scale of 1 cm : 3.5 m then how tall is the real house?
- 382) A model train is 6 in tall. If it was built with **16.2 ft** a scale of 1 in : 2.7 ft then how tall is the real train?
- 384) A particular plane is 14.4 m tall. A model of **9 cm** it was built with a scale of 1 cm : 3.6 m. How tall is the model?
- 386) A model statue is 4 in tall. If it was built **13.2 ft** with a scale of 1 in : 3.3 ft then how tall is the real statue?
- 388) A model car has a scale of 1 in : 2.7 ft. If **18.9 ft** the model car is 7 in long then how long is the real car?

- 389) A model igloo is 2 in wide. If it was built **11 ft** with a scale of 1 in : 5.5 ft then how wide is the real igloo?
- 391) A model car has a scale of 1 in : 4 ft. If the **2 ft** model car is 3 in long then how long is the real car?
- 393) A model train is 2 in tall. If it was built with **5 ft** a scale of 1 in : 7.5 ft then how tall is the real train?
- 395) A model house is 5 cm tall. If it was built **12.5 m** with a scale of 1 cm : 2.5 m then how tall is the real house?
- 397) A model train has a scale of 1 in : 6 ft. If the **3 in** real train is 18 ft tall then how tall is the model train?
- 399) A particular igloo is 14 ft wide. A model of **4 in** it was built with a scale of 1 in : 3.5 ft. How wide is the model?
- 401) If a 2.9 ft tall bird bath casts a 11.6 ft long **15.2 ft** shadow then how long is the shadow that a 3.8 ft tall cardboard box casts?
- 403) A model house is 3 cm wide. If it was built **1.1 m** with a scale of 1 cm : 3.7 m then how wide is the real house?
- 405) A model train has a scale of 1 in : 2 ft. If the **7 in** real train is 14 ft tall then how tall is the model train?
- 407) A car that is 7.3 ft tall casts a shadow that is **3.2 ft** 43.8 ft long. Find the height of a baby elephant that casts a 19.2 ft shadow.
- 409) A globe that is 2.8 ft tall casts a shadow that **21 ft** is 9.8 ft long. Find the length of the shadow that a 6 ft woman casts.
- 411) A cardboard box that is 6.9 ft tall casts a **6.5 ft** shadow that is 9 ft long. Find the length of the shadow that a 5 ft car casts.
- 413) A 7.2 ft tall telephone booth standing next to **25.5 ft** a baby giraffe casts a 21.6 ft shadow. If the baby giraffe is 8.5 ft tall then how long is its shadow?
- 415) A model statue has a scale of 1 in : 2.5 ft. If **0 ft** the model statue is 4 in tall then how tall is the real statue?
- 417) A model plane has a scale of 1 in : 2 ft. If **8 in** the real plane is 16 ft tall then how tall is the model plane?
- 419) If a 7.5 ft tall petrified stump casts a 37.5 **45 ft** long shadow then how long is the shadow that a 9 ft tall tent casts?
- 390) A particular car is 13.3 ft long. A model of **7 in** it was built with a scale of 1 in : 1.9 ft. How long is the model?
- 392) A model train is 7 in tall. If it was built with **16.1 ft** a scale of 1 in : 2.3 ft then how tall is the real train?
- 394) A model car has a scale of 1 in : 2.3 ft. If **7 in** the real car is 16.1 ft long then how long is the model car?
- 396) A model giraffe has a scale of 1 in : 8.5 ft **17 ft** If the model giraffe is 2 in tall then how tall is the real giraffe?
- 398) A model satellite has a scale of 1 in : 4.2 yd **6.8 yd** If the model satellite is 4 in wide then how wide is the real satellite?
- 400) A model giraffe is 6 in tall. If it was built **18 ft** with a scale of 1 in : 3 ft then how tall is the real giraffe?
- 402) A particular train is 15 ft tall. A model of **3 in** was built with a scale of 1 in : 5 ft. How tall is the model?
- 404) A model house has a scale of 1 in : 8 ft. If **16 ft** the model house is 2 in wide then how wide is the real house?
- 406) A model train has a scale of 1 in : 3.6 ft. If **4 in** the real train is 18 ft tall then how tall is the model train?
- 408) A 8.4 ft tall adult elephant standing next to **27.8 ft** man casts a 48.7 ft shadow. If the man is 4.8 ft tall then how long is his shadow?
- 410) A 8.9 ft tall tree standing next to an adult **10.6 ft** elephant casts a 35.6 ft shadow. If the adult elephant casts a shadow that is 42.4 ft long then how tall is it?
- 412) A model car has a scale of 1 in : 2.8 ft. If **4 in** the real car is 11.2 ft long then how long is the model car?
- 414) A model rocket has a scale of 1 in : 3 ft. If **2 ft** the model rocket is 4 in tall then how tall is the real rocket?
- 416) A particular car is 18 ft long. A model of **3 in** was built with a scale of 1 in : 9 ft. How long is the model?
- 418) A particular motorcycle is 9.9 ft long. **3 in** model of it was built with a scale of 1 in : 3.3 ft. How long is the model?
- 420) If a 3.2 ft tall baby elephant casts a 4.8 ft **25.5 ft** long shadow then how long is the shadow that a 17 ft tall adult giraffe casts?

- 421) A 14 ft tall adult giraffe standing next to an adult elephant casts a 58.8 ft shadow. If the adult elephant casts a shadow that is 42.8 ft long then how tall is it? **10.2 ft**
- 422) If a 5.5 ft tall man casts a 19.3 ft long shadow then how long is the shadow that a 3.8 ft tall bird bath casts? **13.3 ft**
- 423) A lawn that is 6 ft tall casts a shadow that is 21 ft long. Find the height of a car that casts a 16.5 ft shadow. **4.7 ft**
- 424) A particular car is 20 ft long. A model of it was built with a scale of 1 in : 10 ft. How long is the model? **2 in**
- 425) A model rocket has a scale of 1 cm : 1.9 m. If the real rocket is 13.3 m tall then how tall is the model rocket? **7 cm**
- 426) A model igloo is 5 in wide. If it was built with a scale of 1 in : 2.6 ft then how wide is the real igloo? **13 ft**
- 427) A particular car is 13 ft long. A model of it was built with a scale of 1 in : 2.6 ft. How long is the model? **5 in**
- 428) A particular motorcycle is 10 ft long. A model of it was built with a scale of 1 in : 2.5 ft. How long is the model? **4 in**
- 429) A car that is 4.7 ft tall casts a shadow that is 9.9 ft long. Find the height of a cardboard box that casts a 16.8 ft shadow. **8 ft**
- 430) A 6.5 ft tall lawn standing next to a baby giraffe casts a 22.8 ft shadow. If the baby giraffe is 5.2 ft tall then how long is its shadow? **18.2 ft**
- 431) A man that is 6.8 ft tall casts a shadow that is 35.4 ft long. Find the length of the shadow that a 6.1 ft woman casts. **31.7 ft**
- 432) If a 11.3 ft tall adult elephant casts a 61 ft long shadow then how long is the shadow that a 5.7 ft tall woman casts? **80.8 ft**
- 433) A 7.6 ft tall petrified stump standing next to a cardboard box casts a 19 ft shadow. If the cardboard box casts a shadow that is 14.8 ft long then how tall is it? **5.9 ft**
- 434) A 8.4 ft tall baby giraffe standing next to a ladder casts a 14.3 ft shadow. If the ladder is 12.1 ft tall then how long is its shadow? **20.6 ft**
- 435) A particular satellite is 20 ft wide. A model of it was built with a scale of 1 in : 2 ft. How wide is the model? **10 in**
- 436) A model rocket has a scale of 1 cm : 2.7 m. If the real rocket is 16.2 m tall then how tall is the model rocket? **6 cm**
- 437) A model satellite is 2 in wide. If it was built with a scale of 1 in : 7.5 ft then how wide is the real satellite? **5 ft**
- 438) A particular rocket is 11.1 ft tall. A model of it was built with a scale of 1 in : 3.7 ft. How tall is the model? **3 in**
- 439) A model house has a scale of 1 cm : 2.2 m. If the real house is 11 m wide then how wide is the model house? **5 cm**
- 440) A cardboard box that is 2 ft tall casts a shadow that is 10.4 ft long. Find the height of a woman that casts a 24.4 ft shadow. **4.7 ft**
- 441) A 17.4 ft tall statue standing next to a man casts a 48.7 ft shadow. If the man casts a shadow that is 13.4 ft long then how tall is he? **4.8 ft**
- 442) A telephone booth that is 6.9 ft tall casts a shadow that is 38 ft long. Find the height of a globe that casts a 17.1 ft shadow. **3.1 ft**
- 443) If a 1.6 ft tall globe casts a 8.8 ft long shadow then how long is the shadow that a 5 ft tall man casts? **27.5 ft**
- 444) If a 4.3 ft tall baby elephant casts a 6.5 ft long shadow then how tall is an adult elephant that casts a 14.9 ft shadow? **9.9 ft**
- 445) If a 4.7 ft tall car casts a 10.3 ft long shadow then how tall is a statue that casts a 29.3 ft shadow? **13.3 ft**
- 446) A particular train is 20 ft tall. A model of it was built with a scale of 1 in : 5 ft. How tall is the model? **4 in**
- 447) A model igloo has a scale of 1 in : 5 ft. If the model igloo is 2 in wide then how wide is the real igloo? **10 ft**
- 448) A particular car is 19.2 ft long. A model of it was built with a scale of 1 in : 4.8 ft. How long is the model? **4 in**
- 449) A model igloo is 4 in wide. If it was built with a scale of 1 in : 3.3 ft then how wide is the real igloo? **13.2 ft**
- 450) A model giraffe has a scale of 1 in : 2.4 ft. If the model giraffe is 7 in tall then how tall is the real giraffe? **16.8 ft**
- 451) A globe that is 3.5 ft tall casts a shadow that is 15.1 ft long. Find the length of the shadow that a 7.5 ft man casts. **32.3 ft**
- 452) A ladder that is 12.5 ft tall casts a shadow that is 70 ft long. Find the length of the shadow that a 8.2 ft adult elephant casts. **45.9 ft**

- 453) A 15.5 ft tall flagpole standing next to an adult elephant casts a 66.6 ft shadow. If the adult elephant is 9.2 ft tall then how long is its shadow? **39.6 ft**
- 454) A petrified stump that is 7.5 ft tall casts a shadow that is 42 ft long. Find the height of a cardboard box that casts a 36.4 ft shadow. **6.5 ft**
- 455) A model house has a scale of 1 cm : 8.2 m. If the real house is 16.4 m wide then how wide is the model house? **2 cm**
- 456) A particular house is 10 m wide. A model of it was built with a scale of 1 cm : 2 m. How wide is the model? **5 cm**
- 457) A particular house is 11.4 m wide. A model of it was built with a scale of 1 cm : 1.9 m. How wide is the model? **6 cm**
- 458) A particular igloo is 13.2 ft wide. A model of it was built with a scale of 1 in : 3.3 ft. How wide is the model? **4 in**
- 459) A particular satellite is 17.1 ft wide. A model of it was built with a scale of 1 in : 5.7 ft. How wide is the model? **3 in**
- 460) A particular rocket is 11 ft tall. A model of it was built with a scale of 1 in : 5.5 ft. How tall is the model? **2 in**
- 461) A model car has a scale of 1 in : 6 ft. If the model car is 2 in long then how long is the real car? **12 ft**
- 462) An adult elephant that is 10.8 ft tall casts a shadow that is 21.6 ft long. Find the height of a lawn that casts a 8 ft shadow. **4 ft**
- 463) If a 11.3 ft tall adult elephant casts a long shadow then how tall is a baby giraffe that casts a 38.5 ft shadow? **56.5 ft**
- 464) A 14.6 ft tall ladder standing next to an adult elephant casts a 49.6 ft shadow. If the adult elephant casts a shadow that is 31.3 ft long then how tall is it? **12 ft**
- 465) If a 7.1 ft tall man casts a 17 ft long shadow then how tall is a tent that casts a 21.8 ft shadow? **9.1 ft**
- 466) A 17 ft tall adult giraffe standing next to a baby elephant casts a 79.9 ft shadow. If the baby elephant casts a shadow that is 24 ft long then how tall is it? **5.1 ft**
- 467) A model car is 4 in long. If it was built with a scale of 1 in : 3.8 ft then how long is the real car? **15.2 ft**
- 468) A particular statue is 12 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model? **6 in**
- 469) A model plane is 5 cm tall. If it was built with a scale of 1 cm : 3.6 m then how tall is the real plane? **18 m**
- 470) A model satellite has a scale of 1 cm : 1.9 m. If the real satellite is 11.4 m wide then how wide is the model satellite? **6 cm**
- 471) A 6.9 ft tall car standing next to a man casts a 28.3 ft shadow. If the man casts a shadow that is 24.6 ft long then how tall is he? **6 ft**
- 472) A 5.4 ft tall baby elephant standing next to an adult giraffe casts a 12.4 ft shadow. If the adult giraffe casts a shadow that is 34.3 ft long then how tall is it? **14.9 ft**
- 473) If a 16.5 ft tall ladder casts a 21.5 ft long shadow then how long is the shadow that a 3.3 ft tall bird bath casts? **4.3 ft**
- 474) If a 3.3 ft tall cardboard box casts a 7.3 ft long shadow then how long is the shadow that a 4.3 ft tall bird bath casts? **9.5 ft**
- 475) A model igloo has a scale of 1 in : 3.5 ft. If the model igloo is 4 in wide then how wide is the real igloo? **4 ft**
- 476) If a 6.1 ft tall car casts a 15.9 ft long shadow then how long is the shadow that a 2.5 ft tall bird bath casts? **6.5 ft**
- 477) A model plane has a scale of 1 cm : 4.4 m. If the real plane is 17.6 m tall then how tall is the model plane? **4 cm**
- 478) A model house has a scale of 1 cm : 6.1 m. If the model house is 2 cm wide then how wide is the real house? **12.2 m**
- 479) A model car has a scale of 1 in : 3.8 ft. If the real car is 19 ft long then how long is the model car? **5 in**
- 480) A model plane is 4 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real plane? **16 ft**
- 481) A model satellite has a scale of 1 cm : 2.3 m. If the real satellite is 16.1 m wide then how wide is the model satellite? **7 cm**
- 482) A ladder that is 9.2 ft tall casts a shadow that is 14.7 ft long. Find the height of a telephone booth that casts a 12 ft shadow. **7.5 ft**

- 483) A telephone booth that is 9.1 ft tall casts a **18.6 ft** shadow that is 24.6 ft long. Find the length of the shadow that a 6.9 ft petrified stump casts.
- 484) A 3.5 ft tall cardboard box standing next to an adult giraffe casts a 7.7 ft shadow. If the adult giraffe is 16.7 ft tall then how long is its shadow?
- 485) If a 6.5 ft tall telephone booth casts a 7.8 ft long shadow then how tall is a tree that casts a 9.5 ft shadow?
- 486) A particular house is 17 m tall. A model of it was built with a scale of 1 cm : 3.4 m. How tall is the model?
- 487) If a 6.3 ft tall tent casts a 8.8 ft long shadow then how long is the shadow that a 3.2 ft tall car casts?
- 488) A model house is 3 cm wide. If it was built with a scale of 1 cm : 4.2 m then how wide is the real house?
- 489) A model plane is 2 cm tall. If it was built with a scale of 1 cm : 5.6 m then how tall is the real plane?
- 490) A model house has a scale of 1 cm : 2.5 m. If the real house is 12.5 m wide then how wide is the model house?
- 491) A model rocket has a scale of 1 in : 3 ft. If the real rocket is 15 ft tall then how tall is the model rocket?
- 492) If a 4.4 ft tall petrified stump casts a 15 ft long shadow then how long is the shadow that a 5.4 ft tall woman casts?
- 493) If a 16.6 ft tall statue casts a 68.1 ft long shadow then how tall is a car that casts a 26.7 ft shadow?
- 494) If a 9.1 ft tall adult elephant casts a 43.7 ft long shadow then how long is the shadow that a 13.5 ft tall statue casts?
- 495) A man that is 6.6 ft tall casts a shadow that is 25.7 ft long. Find the length of the shadow that a 5.9 ft woman casts.
- 496) A ladder that is 13.2 ft tall casts a shadow that is 15.8 ft long. Find the height of a statue that casts a 11.5 ft shadow.
- 497) If a 15 ft tall flagpole casts a 88.5 ft long shadow then how tall is a man that casts a 28.3 ft shadow?
- 498) A model car has a scale of 1 in : 4.3 ft. If the real car is 17.2 ft long then how long is the model car?
- 499) A model plane has a scale of 1 cm : 3 m. If the model plane is 5 cm tall then how tall is the real plane?
- 500) A model igloo has a scale of 1 in : 2.8 ft. If the model igloo is 5 in wide then how wide is the real igloo?
- 501) A particular submarine is 15.5 m long. A model of it was built with a scale of 1 cm : 3.1 m. How long is the model?
- 502) A 5.3 ft tall man standing next to a baby giraffe casts a 15.9 ft shadow. If the baby giraffe is 7.3 ft tall then how long is its shadow?
- 503) A baby elephant that is 2.9 ft tall casts a shadow that is 6.4 ft long. Find the height of a baby giraffe that casts a 13.4 ft shadow.
- 504) A 8.1 ft tall tent standing next to a man casts a 41.3 ft shadow. If the man casts a shadow that is 33.2 ft long then how tall is he?
- 505) A 18.1 ft tall adult giraffe standing next to a tent casts a 105 ft shadow. If the tent casts a shadow that is 29 ft long then how tall is it?
- 506) Centerville and Georgetown are 48.7 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 17.4 mi?
- 507) Find the distance between Abbots Rise and Oak Grove on a map with a scale of 1 cm : 11.6 km if they are actually 40.6 km apart.
- 508) Find the distance between Abbots Rise and Greenwood if they are 0.6 in apart on a map with a scale of 1 in : 5.7 mi.
- 509) Find the distance between Milton and Madison on a map with a scale of 1 in : 15 mi if they are actually 19.5 mi apart.
- 510) A model igloo is 3 in wide. If it was built with a scale of 1 in : 5 ft then how wide is the real igloo?
- 511) A model plane has a scale of 1 cm : 5.6 m. If the model plane is 3 cm tall then how tall is the real plane?
- 512) A particular house is 12.6 m wide. A model of it was built with a scale of 1 cm : 6.3 m. How wide is the model?
- 513) A 4.7 ft tall bird bath standing next to a baby giraffe casts a 27.7 ft shadow. If the baby giraffe is 8.5 ft tall then how long is its shadow?
- 514) If a 5.1 ft tall woman casts a 13.3 ft long shadow then how long is the shadow that a 9.4 ft tall telephone booth casts?

- 515) A 5.3 ft tall car standing next to a baby elephant casts a 14.3 ft shadow. If the baby elephant casts a shadow that is 12.2 ft long then how tall is it? **4.5 ft**
- 516) A 8.3 ft tall petrified stump standing next to a cardboard box casts a 10 ft shadow. If the cardboard box casts a shadow that is 8.6 ft long then how tall is it? **7.2 ft**
- 517) A map has a scale of 1 cm : 13.3 km. If Victoria and Franklin are 2.4 cm apart on the map then how far apart are the real cities? **31.9 km**
- 518) Find the distance between Salem and Union if they are 2.3 in apart on a map with a scale of 1 in : 7.5 mi. **17.3 mi**
- 519) A map has a scale of 1 cm : 16.7 km. If Salem and Clayton are 50.1 km apart then they are how far apart on the map? **3 cm**
- 520) A map has a scale of 1 cm : 10.9 km. If Georgetown and Santa Cruz are 39.2 km apart then they are how far apart on the map? **3.6 cm**
- 521) A model igloo is 4 in wide. If it was built with a scale of 1 in : 3.5 ft then how wide is the real igloo? **14 ft**
- 522) A model statue has a scale of 1 in : 2 ft. If the model statue is 6 in tall then how tall is the real statue? **2 ft**
- 523) A model house is 7 cm tall. If it was built with a scale of 1 cm : 2.4 m then how tall is the real house? **16.8 m**
- 524) A model statue has a scale of 1 in : 6 ft. If the model statue is 3 in tall then how tall is the real statue? **8 ft**
- 525) A baby elephant that is 5.4 ft tall casts a shadow that is 17.3 ft long. Find the height of a bird bath that casts a 8.6 ft shadow. **2.7 ft**
- 526) If a 10.5 ft tall statue casts a 18.9 ft long shadow then how tall is a telephone booth that casts a 15.3 ft shadow? **8.5 ft**
- 527) A 2.2 ft tall cardboard box standing next to an adult giraffe casts a 5.5 ft shadow. If the adult giraffe is 18.3 ft tall then how long is its shadow? **45.8 ft**
- 528) A map has a scale of 1 cm : 9.2 km. If Abbots Rise and Midway are 1.2 cm apart on the map then how far apart are the real cities? **11 km**
- 529) Brisbane and Marion are 35.2 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 18.5 mi? **1.9 in**
- 530) A map has a scale of 1 in : 12.6 mi. If Brisbane and Victoria are 32.8 mi apart then they are how far apart on the map? **2.6 in**
- 531) Clinton and Sun Valley are 3.2 cm apart on a map that has a scale of 1 cm : 6.8 km. How far apart are the real cities? **21.8 km**
- 532) A model giraffe is 4 in tall. If it was built with a scale of 1 in : 3 ft then how tall is the real giraffe? **12 ft**
- 533) A model igloo has a scale of 1 in : 2.6 ft. If the model igloo is 5 in wide then how wide is the real igloo? **3 ft**
- 534) A model plane is 4 in tall. If it was built with a scale of 1 in : 4 ft then how tall is the real plane? **16 ft**
- 535) A model giraffe has a scale of 1 in : 5 ft. If the real giraffe is 10 ft tall then how tall is the model giraffe? **2 in**
- 536) If a 4.8 ft tall baby elephant casts a 23.5 ft long shadow then how tall is a tent that casts a 34.8 ft shadow? **7.1 ft**
- 537) A 4.4 ft tall tent standing next to a baby giraffe casts a 7 ft shadow. If the baby giraffe is 4.5 ft tall then how long is its shadow? **7.2 ft**
- 538) A telephone booth that is 7.9 ft tall casts a shadow that is 40.3 ft long. Find the length of the shadow that a 7.4 ft man casts. **37.7 ft**
- 539) If a 4.6 ft tall car casts a 7.4 ft long shadow then how long is the shadow that a 1.7 ft tall globe casts? **2.7 ft**
- 540) Mount Pleasant and Kumba are 21.6 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 14.4 km? **1.5 cm**
- 541) Find the distance between Mount Pleasant and Smithville if they are 2.2 in apart on a map with a scale of 1 in : 8.5 mi. **18.7 mi**
- 542) Find the distance between Sun Valley and Rockville if they are 2.8 in apart on a map with a scale of 1 in : 17.8 mi. **49.8 mi**
- 543) Find the distance between Sun Valley and Riverside on a map with a scale of 1 cm : 11.8 km if they are actually 41.3 km apart. **3.5 cm**
- 544) A model train has a scale of 1 in : 4.5 ft. If the model train is 4 in tall then how tall is the real train? **8 ft**

- 545) A model giraffe has a scale of 1 in : 3.3 ft **3 in** If the real giraffe is 9.9 ft tall then how tall is the model giraffe?
- 546) A particular rocket is 16 ft tall. A model of **5 in** it was built with a scale of 1 in : 3.2 ft. How tall is the model?
- 547) A 7.7 ft tall ladder standing next to a car **7 ft** casts a 21.6 ft shadow. If the car casts a shadow that is 19.6 ft long then how tall is it?
- 548) A 3.3 ft tall baby elephant standing next to a **22.5 ft** tent casts a 18.2 ft shadow. If the tent is 4.1 ft tall then how long is its shadow?
- 549) A 2.3 ft tall globe standing next to a **45.1 ft** telephone booth casts a 12.2 ft shadow. If the telephone booth is 8.5 ft tall then how long is its shadow?
- 550) A cardboard box that is 3.2 ft tall casts a **19.2 ft** shadow that is 9.6 ft long. Find the length of the shadow that a 6.4 ft baby giraffe casts.
- 551) A map has a scale of 1 in : 10.3 mi. If **11.3 mi** Clinton and Johnstown are 1.1 in apart on the map then how far apart are the real cities?
- 552) Clinton and Rivertown are 1.5 cm apart on a **27.5 km** map that has a scale of 1 cm : 18.3 km. How far apart are the real cities?
- 553) A map has a scale of 1 in : 13.6 mi. If **1.6 in** Midway and Georgetown are 21.8 mi apart then they are how far apart on the map?
- 554) Midway and Oak Grove are 2.3 in apart on a **17.7 mi** map that has a scale of 1 in : 7.7 mi. How far apart are the real cities?
- 555) A particular train is 12 ft tall. A model of **5 in** was built with a scale of 1 in : 2.4 ft. How tall is the model?
- 556) A particular igloo is 10 ft wide. A model of **6 in** it was built with a scale of 1 in : 2 ft. How wide is the model?
- 557) A model house has a scale of 1 cm : 6.1 m. **2 cm** If the real house is 12.2 m wide then how wide is the model house?
- 558) A model train has a scale of 1 in : 1.9 ft. **17 in** the real train is 13.3 ft tall then how tall is the model train?
- 559) A 4.6 ft tall baby elephant standing next to a **6.1 ft** car casts a 15.2 ft shadow. If the car casts a shadow that is 20.1 ft long then how tall is it?
- 560) A petrified stump that is 5.8 ft tall casts a **7.8 ft** shadow that is 11 ft long. Find the length of the shadow that a 4.1 ft baby elephant casts.
- 561) If a 5.5 ft tall tent casts a 18.2 ft long **48.5 ft** shadow then how long is the shadow that a 14.7 ft tall adult giraffe casts?
- 562) Sun Valley and Brisbane are 21.1 mi from **3.4 in** each other. How far apart would the cities be on a map that has a scale of 1 in : 6.2 mi?
- 563) Sun Valley and Midway are 9.2 mi from **0.6 in** each other. How far apart would the cities be on a map that has a scale of 1 in : 15.4 mi?
- 564) Find the distance between Clayton and **11.4 km** Franklin if they are 1.2 cm apart on a map with a scale of 1 cm : 9.5 km.
- 565) Clayton and Salem are 1.9 in apart on a map **35.5 in** that has a scale of 1 in : 18.7 mi. How far apart are the real cities?
- 566) A particular train is 17 ft tall. A model of **5 in** was built with a scale of 1 in : 3.4 ft. How tall is the model?
- 567) A particular statue is 11.2 ft tall. A model **4 in** of it was built with a scale of 1 in : 2.8 ft. How tall is the model?
- 568) A model satellite has a scale of 1 in : 4.3 yd **7.2 yd** If the model satellite is 4 in wide then how wide is the real satellite?
- 569) A model rocket has a scale of 1 in : 2.4 ft. **17 in** If the real rocket is 16.8 ft tall then how tall is the model rocket?
- 570) If a 3.4 ft tall globe casts a 19 ft long **44.2 ft** shadow then how long is the shadow that a 7.9 ft tall adult elephant casts?
- 571) If a 4.3 ft tall bird bath casts a 7.3 ft long **9.5 ft** shadow then how long is the shadow that a 5.6 ft tall woman casts?
- 572) A lawn that is 3.6 ft tall casts a **8.3 ft** shadow that is 9.7 ft long. Find the height of a ladder that casts a 22.4 ft shadow.
- 573) A baby giraffe that is 6.5 ft tall casts a **5.6 ft** shadow that is 14.3 ft long. Find the height of a man that casts a 12.3 ft shadow.
- 574) Find the distance between Midway and **41.4 mi** Centerville if they are 3.7 in apart on a map with a scale of 1 in : 11.2 mi.

- 575) Find the distance between Johnstown and Union if they are 0.8 cm apart on a map with a scale of 1 cm : 5.4 km. **4.3 km**
- 576) A map has a scale of 1 cm : 14.6 km. If Johnstown and Marion are 21.9 km apart then they are how far apart on the map? **1.5 cm**
- 577) A model house has a scale of 1 cm : 9 m. If the model house is 2 cm wide then how wide is the real house? **18 m**
- 578) A model car has a scale of 1 in : 2.8 ft. If the real car is 14 ft long then how long is the model car? **5 in**
- 579) A model train has a scale of 1 in : 2.3 ft. If the real train is 16.1 ft tall then how tall is the model train? **7 in**
- 580) A particular power plant is 12.4 m tall. A model of it was built with a scale of 1 cm : 3.1 m. How tall is the model? **4 cm**
- 581) A 4.9 ft tall petrified stump standing next to a globe casts a 10.3 ft shadow. If the globe is 1.5 ft tall then how long is its shadow? **3.2 ft**
- 582) If a 4.7 ft tall car casts a 18.3 ft long shadow then how tall is a globe that casts a 10.5 ft shadow? **2.7 ft**
- 583) A tent that is 5.5 ft tall casts a shadow that is 31.9 ft long. Find the height of an adult giraffe that casts a 84.7 ft shadow. **4.6 ft**
- 584) If a 5.8 ft tall man casts a 11.6 ft long shadow then how long is the shadow that a 14.7 ft tall tree casts? **29.4 ft**
- 585) A map has a scale of 1 cm : 7.1 km. If Clayton and Madison are 2.5 cm apart on the map then how far apart are the real cities? **17.8 km**
- 586) Oak Grove and San Jose are 50.8 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 16.4 mi? **3.1 in**
- 587) A map has a scale of 1 in : 10.5 mi. If Oak Grove and Kumba are 3.8 in apart on the map then how far apart are the real cities? **39.9 mi**
- 588) Rockville and Sun Valley are 15.8 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 5.1 km? **3.1 cm**
- 589) A particular train is 16.8 ft tall. A model of it was built with a scale of 1 in : 2.1 ft. How tall is the model? **8 in**
- 590) A particular statue is 14 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model? **7 in**
- 591) A model satellite has a scale of 1 cm : 2 m. If the model satellite is 9 cm wide then how wide is the real satellite? **18 m**
- 592) A particular car is 15 ft long. A model of it was built with a scale of 1 in : 5 ft. How long is the model? **3 in**
- 593) A 7.5 ft tall man standing next to an adult elephant casts a 9 ft shadow. If the adult elephant is 11 ft tall then how long is its shadow? **13.2 ft**
- 594) A 4.3 ft tall bird bath standing next to a statue casts a 24.5 ft shadow. If the statue casts a shadow that is 94.6 ft long then how tall is it? **16.6 ft**
- 595) A 2.8 ft tall baby elephant standing next to a baby giraffe casts a 12.9 ft shadow. If the baby giraffe casts a shadow that is 29 ft long then how tall is it? **6.3 ft**
- 596) Johnstown and Greenwood are 38 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 18.1 mi? **2.1 in**
- 597) San Jose and Brisbane are 2.7 cm apart on a map that has a scale of 1 cm : 12.2 km. How far apart are the real cities? **32.9 km**
- 598) Find the distance between San Jose and Johnstown if they are 3.4 in apart on a map with a scale of 1 in : 6.4 mi. **21.8 mi**
- 599) Centerville and Rivertown are 9.4 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 15.6 mi? **0.6 in**
- 600) A model motorcycle is 4 in long. If it was built with a scale of 1 in : 2.5 ft then how long is the real motorcycle? **10 ft**