Two-step equations - word problems - integers

1) Huong had $23 to spend on six notebooks. After buying them she had $11. How much did each notebook cost?

2) You had $20 to spend on seven advocados. After buying them you had $6. How much did each advocado cost?

3) You had $25 to spend on seven pencils. After buying them you had $4. How much did each pencil cost?

4) Shawna rented a bike from Arjun's Bikes. It cost $14 plus $3 per hour. If Shawna paid $32 then she rented the bike for how many hours?

5) The sum of three consecutive odd numbers is 69. What is the smallest of these numbers?

6) For a field trip 25 students rode in cars and the rest filled eight buses. How many students were in each bus if 321 students were on the trip?

7) The sum of three consecutive even numbers is 42. What is the smallest of these numbers?

8) Emily's Bikes rents bikes for $16 plus $4 per hour. Eduardo paid $36 to rent a bike. For how many hours did he rent the bike?

9) You had $21 to spend on three pens. After buying them you had $12. How much did each pen cost?

10) 166 students went on a field trip. Three buses were filled and 22 students traveled in cars. How many students were in each bus?

11) Rob rented a bike from Ming's Bikes. It cost $11 plus $8 per hour. If Rob paid $51 then he rented the bike for how many hours?

12) The sum of three consecutive numbers is 42. What is the smallest of these numbers?

13) The sum of three consecutive odd numbers is 45. What is the smallest of these numbers?

14) Bill spent $39 on a magazine and some candy bars. If the magazine cost $4 and each candy bar cost $5 then how many candy bars did he buy?

15) For a field trip 23 students rode in cars and the rest filled nine buses. How many students were in each bus if 482 students were on the trip?

16) The sum of three consecutive odd numbers is 93. What is the smallest of these numbers?

17) You bought a magazine for $4 and some erasers for $3 each. You spent a total of $22. How many erasers did you buy?

18) You bought a magazine for $3 and six notepads. You spent a total of $27. How much did each notepad cost?

19) 160 students went on a field trip. Five buses were filled and 15 students traveled in cars. How many students were in each bus?

20) For a field trip 24 students rode in cars and the rest filled six buses. How many students were in each bus if 210 students were on the trip?

21) You bought a magazine for $3 and two notepads. You spent a total of $13. How much did each notepad cost?

22) For a field trip 8 students rode in cars and the rest filled eight buses. How many students were in each bus if 272 students were on the trip?

23) For a field trip 20 students rode in cars and the rest filled five buses. How many students were in each bus if 210 students were on the trip?

24) Daniel rented a bike from Jacob's Bikes. It cost $15 plus $7 per hour. If Daniel paid $71 then he rented the bike for how many hours?

25) The sum of three consecutive odd numbers is 51. What is the smallest of these numbers?

26) For a field trip 25 students rode in cars and the rest filled seven buses. How many students were in each bus if 305 students were on the trip?

27) Natalie's Bikes rents bikes for $20 plus $3 per hour. Perry paid $32 to rent a bike. For how many hours did he rent the bike?

28) The sum of three consecutive odd numbers is 33. What is the smallest of these numbers?

29) Sumalee rented a bike from Rob's Bikes. It cost $14 plus $3 per hour. If Sumalee paid $26 then she rented the bike for how many hours?

30) You had $20 to spend on four raffle tickets. After buying them you had $12. How much did each raffle ticket cost?

Answers to Two-step equations - word problems - integers

1) $2	2) $2	3) $3	4) 6
5) 21	6) 37	7) 12	8) 5
9) $3	10) 48	11) 5	12) 13
13) 13	14) 7	15) 51	16) 29
17) 6	18) $4	19) 29	20) 31
21) $5	22) 33	23) 38	24) 8
25) 15	26) 40	27) 4	28) 9
29) 4	30) $2		