



- 1) All 208 students in the Math Club went on a field trip. Some students rode in vans which hold 11 students each and some students rode in buses which hold 60 students each. How many of each type of vehicle did they use if there were 10 vehicles total?
- 2) A class of 344 students went on a field trip. They took 14 vehicles, some cars and some buses. Find the number of cars and the number of buses they took if each car holds 4 students and each bus hold 40 students.
- 3) All 230 students in the Math Club went on a field trip. Some students rode in cars which hold 5 students each and some students rode in buses which hold 25 students each. How many of each type of vehicle did they use if there were 14 vehicles total?
- 4) Jacob's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 40 books per day and Model B can print 70 books per day. Altogether Jacob has 12 printing presses. If he can print 600 books in a day then how many of each press does he have?

- 5) Kathryn's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 60 books per day and Model B can print 65 books per day. Altogether Kathryn has 16 printing presses. If she can print 995 books in a day then how many of each press does she have?
- 6) At Jose's Printing Company LLC there are two kinds of printing presses: Model A which can print 40 books per day and Model B which can print 35 books per day. The company owns 5 total printing presses and this allows them to print 185 books per day. How many of each type of press do they have?
- 7) Kristin's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 60 books per day and Model B can print 30 books per day. Altogether Kristin has 12 printing presses. If she can print 540 books in a day then how many of each press does she have?
- 8) A class used cars and vans to go on a field trip. They used 12 vehicles to go on the trip. Each car holds 5 students and each van holds 10 students. If 90 students went on the trip then how many of each type of vehicle did the class use?

- 9) James' Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 50 books per day and Model B can print 55 books per day. Altogether James has 7 printing presses. If he can print 360 books in a day then how many of each press does he have?
- 10) At Asanji's Printing Company LLC there are two kinds of printing presses: Model A which can print 40 books per day and Model B which can print 50 books per day. The company owns 14 total printing presses and this allows them to print 660 books per day. How many of each type of press do they have?
- 11) At Mary's Printing Company LLC there are two kinds of printing presses: Model A which can print 50 books per day and Model B which can print 35 books per day. The company owns 16 total printing presses and this allows them to print 680 books per day. How many of each type of press do they have?
- 12) All 125 students in the Math Club went on a field trip. Some students rode in cars which hold 3 students each and some students rode in buses which hold 55 students each. How many of each type of vehicle did they use if there were 7 vehicles total?

13) Brenda's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 50 books per day and Model B can print 35 books per day. Altogether Brenda has 9 printing presses. If she can print 420 books in a day then how many of each press does she have?

14) Alberto's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 50 books per day and Model B can print 55 books per day. Altogether Alberto has 11 printing presses. If he can print 585 books in a day then how many of each press does he have?

15) At Shayna's Printing Company LLC there are two kinds of printing presses: Model A which can print 60 books per day and Model B which can print 55 books per day. The company owns 20 total printing presses and this allows them to print 1150 books per day. How many of each type of press do they have?

16) Kristin's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 80 books per day and Model B can print 70 books per day. Altogether Kristin has 10 printing presses. If she can print 740 books in a day then how many of each press does she have?

17) A class of 366 students went on a field trip. They took 8 vehicles, some cars and some buses. Find the number of cars and the number of buses they took if each car holds 3 students and each bus hold 60 students.

18) At Ted's Printing Company LLC there are two kinds of printing presses: Model A which can print 80 books per day and Model B which can print 40 books per day. The company owns 16 total printing presses and this allows them to print 920 books per day. How many of each type of press do they have?

19) Daniel's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 70 books per day and Model B can print 30 books per day. Altogether Daniel has 9 printing presses. If he can print 510 books in a day then how many of each press does he have?

20) At Shawna's Printing Company LLC there are two kinds of printing presses: Model A which can print 40 books per day and Model B which can print 55 books per day. The company owns 18 total printing presses and this allows them to print 855 books per day. How many of each type of press do they have?

- 21) A class used vans and buses to go on a field trip. They used 12 vehicles to go on the trip. Each van holds 13 students and each bus holds 30 students. If 241 students went on the trip then how many of each type of vehicle did the class use?
- 22) At Scott's Printing Company LLC there are two kinds of printing presses: Model A which can print 50 books per day and Model B which can print 30 books per day. The company owns 9 total printing presses and this allows them to print 390 books per day. How many of each type of press do they have?
- 23) A class used cars and vans to go on a field trip because all of the buses were already in use. They used 11 vehicles to go on the trip. Each car holds 3 students and each van holds 7 students. If 49 students went on the trip then how many of each type of vehicle did the class use?
- 24) All 286 students in the Math Club went on a field trip. Some students rode in vans which hold 11 students each and some students rode in buses which hold 55 students each. How many of each type of vehicle did they use if there were 10 vehicles total?

25) Kali's Printing Inc. has two type of printing presses: Model A and Model B. Model A can print 40 books per day and Model B can print 70 books per day. Altogether Kali has 15 printing presses. If she can print 750 books in a day then how many of each press does she have?

26) A class used cars and buses to go on a field trip. They used 4 vehicles to go on the trip. Each car holds 4 students and each bus holds 60 students. If 128 students went on the trip then how many of each type of vehicle did the class use?

27) A class used cars and buses to go on a field trip. They used 7 vehicles to go on the trip. Each car holds 4 students and each bus holds 35 students. If 121 students went on the trip then how many of each type of vehicle did the class use?

28) At Krystal's Printing Company LLC there are two kinds of printing presses: Model A which can print 50 books per day and Model B which can print 35 books per day. The company owns 5 total printing presses and this allows them to print 220 books per day. How many of each type of press do they have?

29) At Aliyah's Printing Company LLC there are two kinds of printing presses: Model A which can print 50 books per day and Model B which can print 40 books per day. The company owns 10 total printing presses and this allows them to print 440 books per day. How many of each type of press do they have?

30) A class used cars and vans to go on a field trip because all of the buses were already in use. They used 5 vehicles to go on the trip. Each car holds 4 students and each van holds 10 students. If 32 students went on the trip then how many of each type of vehicle did the class use?



- 1) 8 vans and 2 buses
- 2) 6 cars and 8 buses
- 3) 6 cars and 8 buses
- 4) 8 of Model A and 4 of Model B
- 5) 9 of Model A and 7 of Model B
- 6) 2 of Model A and 3 of Model B
- 7) 6 of Model A and 6 of Model B
- 8) 6 cars and 6 vans
- 9) 5 of Model A and 2 of Model B
- 10) 4 of Model A and 10 of Model B
- 11) 8 of Model A and 8 of Model B
- 12) 5 cars and 2 buses
- 13) 7 of Model A and 2 of Model B
- 14) 4 of Model A and 7 of Model B
- 15) 10 of Model A and 10 of Model B
- 16) 4 of Model A and 6 of Model B
- 17) 2 cars and 6 buses
- 18) 7 of Model A and 9 of Model B
- 19) 6 of Model A and 3 of Model B
- 20) 9 of Model A and 9 of Model B
- 21) 7 vans and 5 buses
- 22) 6 of Model A and 3 of Model B
- 23) 7 cars and 4 vans
- 24) 6 vans and 4 buses
- 25) 10 of Model A and 5 of Model B
- 26) 2 cars and 2 buses
- 27) 4 cars and 3 buses
- 28) 3 of Model A and 2 of Model B
- 29) 4 of Model A and 6 of Model B
- 30) 3 cars and 2 vans