

Solving a fraction word problem using a linear equation of the form $Ax = B$: Worksheet 7.2

Name Date Score

1. A phone store sold 67 smart phones on a single day which is one-twelfth of their monthly sales. What is then the monthly sales of the store?
2. 7 concrete blocks form one-ninth of a structure. So how many concrete blocks are required to form the structure?
3. A school had to buy 28 new science books which are one-fourth of the total books they bought. What is the total number of books that the school bought?
4. A company used 64 lemons to make some bottles of lemonade, which is one sixth of the total bottles of lemonade they made. What is the total number of lemons did they use?
5. A carpenter completed building 15 bird houses on a day, which is one sixth of the total birdhouses he needs to build. How many birdhouses does he make finally?
6. Wendy traveled 7 kilometers of her journey, which is one-eleventh of total journey. How long is her total journey then?
7. Jamila has memorized 27 words on a vocabulary list for a Korean language class, which is one fifth of the list. How many words are there on the list?
8. At a carnival games corner, 68 tickets are sold, which are one-seventh of the total tickets to be sold. What is the total number of tickets to be sold?
9. A fast food joint sold 24 plates of chicken wings on a day, which is one-seventh of their total sales in a week. What is the weekly total sales of chicken wings?
10. A chef bought 24 oranges at the supermarket and they are one-fourth of a carton of oranges. How many oranges are there in the carton?



Solutions: Worksheet 7.2

1. 804 smart phones
2. 63 concrete blocks
3. 112 books
4. 384 lemons
5. 90 bird houses
6. 77 kilometers
7. 135 words
8. 476 tickets
9. 168 plates
10. 96 oranges

