

Name:

Date: Score:

Word Problems Involving Linear Equations Worksheet

Answers

- ① There are two numbers whose sum is 72. One number is twice the other. What are the numbers?

24, 48

- ② Clarke is 8 years older than John. In 5 years Clarke will be twice as old as John. How old are they now?

Clarke is 11 years old, John is 3 years old.

- ③ Find three consecutive odd integers such that the sum of the first, two times the second, and three times the third is 70.

9, 11, 13

- ④ Tim sold half of his story books and then bought 6 more. He now has 12. How many did he begin with?

12

- ⑤ Sara can do a job in 12 hours. If Tom helps, it takes them 8 hours. Without help, how long would it take for Tom to do the same work?

24 hrs