

Homework 26.



1. Write an expression to find 15% of a number a .
Calculate 15% of the following numbers: 1540, 220, and 10.
2. Write an expression to find a number, if 4% of it is equal to b .
Find the numbers for which 4% is equal to 8, 12, and 55.
3. Peter is driving at a speed of 50 miles per hour to visit his friend. The distance between their houses is 30 miles. How long will it take for him to get from his home to his friend's house?
4. Peter went for a walk. He usually goes to the beach and returns home in 1 hour and 20 minutes. The distance from the beach to his house is 1.4 km. What is Peter's walking speed?
5. Usually, it takes Peter 1 hour and 20 minutes to drive to work. However, due to bad weather yesterday, Peter slowed down by 10 km/h and arrived at work in 1.5 hours. What is the distance between Peter's house and his workplace?
6. Draw the picture by coordinates. Use graph paper! You don't need to color it, but you can, if you want to!
7. The ratio of cashews and walnuts in a nut mixture is 2:3, total weight of the mixture 150g. How much cashews and walnuts are in the pack of mixture?
8. Evaluate (answer is $1\frac{3}{4}$):

$$\left(1\frac{2}{5} + 3.5 : 1\frac{1}{4}\right) : 2\frac{2}{5};$$



