

Multiplication and division word problems

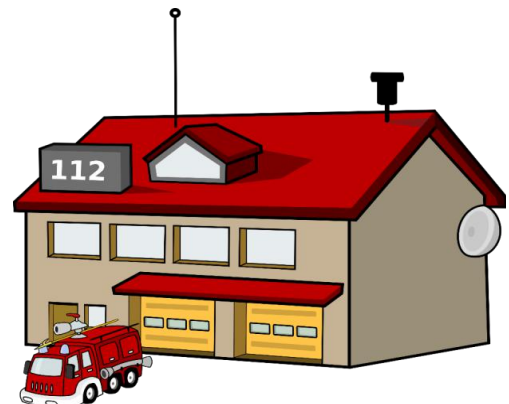
Grade 4 Word Problems Worksheet

At a fire station, there are 9 fire engines and 5 ambulances.

1. 3 paramedics are needed whenever an ambulance is dispatched. What is the number of paramedics that are required to be on duty at any time?

2. If there are 3 different shifts for paramedics, how many paramedics are there in total?

3. There are 54 firefighters on duty for each 12-hour shift. How many firefighters can be assigned equally to each fire engine?



4. How many firefighters will be working at the fire station everyday?

5. For each car accident, the fire station will dispatch 12 firefighters, 2 fire engines and 1 ambulance. If there are 4 car accidents, how many firefighters will be dispatched?

6. Write an equation using "x" and then solve the equation. Every 3 months, each firefighter is required to undergo 15 hours of training. Each firefighter should finish x hours of training every year.

Answers

1. $5 \times 3 = 15$
15 paramedics are needed to be on duty.
2. $15 \times 3 = 45$
There are 45 paramedics in total.
3. $54 \div 9 = 6$
6 firefighters are assigned to each fire engines.
4. $24 \div 12 = 2$
There are 2 shifts everyday.
 $54 \times 2 = 108$
There are 108 firefighters working at the station everyday.
5. $12 \times 4 = 48$
48 firefighters are dispatched.
6. $15 \times 12 \div 3 = x$
 $x = 60$
Each firefighter does 60 hours of training each year.