

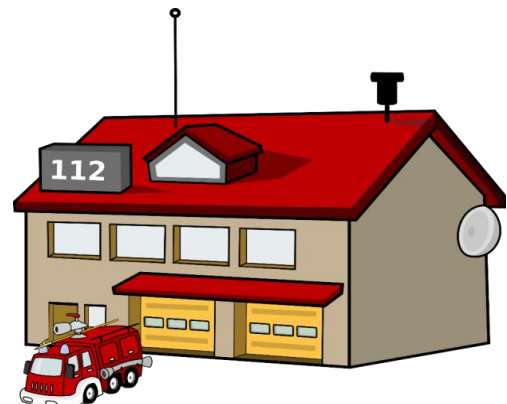
## Multiplication and division word problems

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### 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?



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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.

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## 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.