The firefighters in my fire station don't just put out fires
They have to be good at maths too!

When there is a fire there can be more than one engine needed.
Each engine has **5** firefighters on it.
Read about each of these real outdoor fires where the fire got out of control. Someone had to call 999 for the Fire Service. Work out how many firefighters were needed each time.

Fire Control sent 2 Fire Engines to a fire in field because someone had thrown a cigarette out of a car window.

Answer: _____ firefighters tried to put out the fire

The fire started to get out of control because of the wind. They needed another fire engine to help. How many firefighters were there, in total?

Answer: _____ firefighters helped put out the fire

Two fire engines went to a house. In the garden, a shed and two trees were on fire because the owner had been making a bonfire. One engine had tried to put out the fire but another smaller engine with 4 fire firefighters, was needed.

Answer: _____ firefighters quickly put out the fire

Two fire engines went to the woods where a large area of dry ground and some bushes were on fire. It had started because someone had had a picnic and used a barbecue. The fire was out of control so the officer-in charge asked for another fire engine and also a water carrier with 3 firefighters on it to help.

How many firefighters were now trying to put out this fire?

Answer: _____ firefighters quickly put out the fire

A fire engine went to a fire in the back garden of a house. The fire had started because the owner had poured petrol onto a BBQ to light it; this caused an explosion and a nearby shed also started to burn. The man was hurt and had to be taken to hospital by ambulance. There are 2 paramedics on an ambulance.

How many people from the emergency services went to this fire?

Answer: _____

After a long day the fire engines and crew have to travel back to the station:

Can you help the fire engine find its way back to the station? How many different routes can you find?
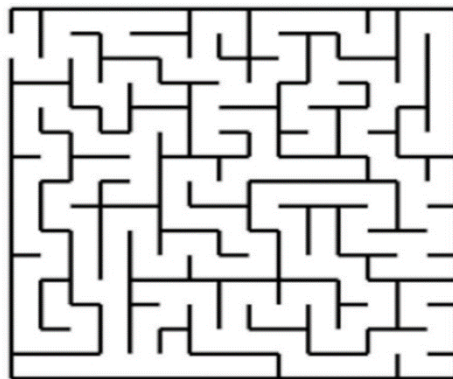
Each fire engine carries 5 firefighters. How many are there in total on these fire engines?

= _____

Each fire engine has 6 wheels. How many wheels in total are there on these fire engines?

= _____

The hoses the firefighters use are 20m long. If 3 fire fighters each had a hose how many metres of hose would they have in total? _____ metres of hose.

There are also hoses which are 18m long; if 2 firefighters each had a hose this long, how many metres of hose would they have in total? _____ metres of hose.

If 3 firefighters each had 18m of hose and 2 firefighters each had 20m of hose, how many metres of hose would they have in total? _____ metres of hose.