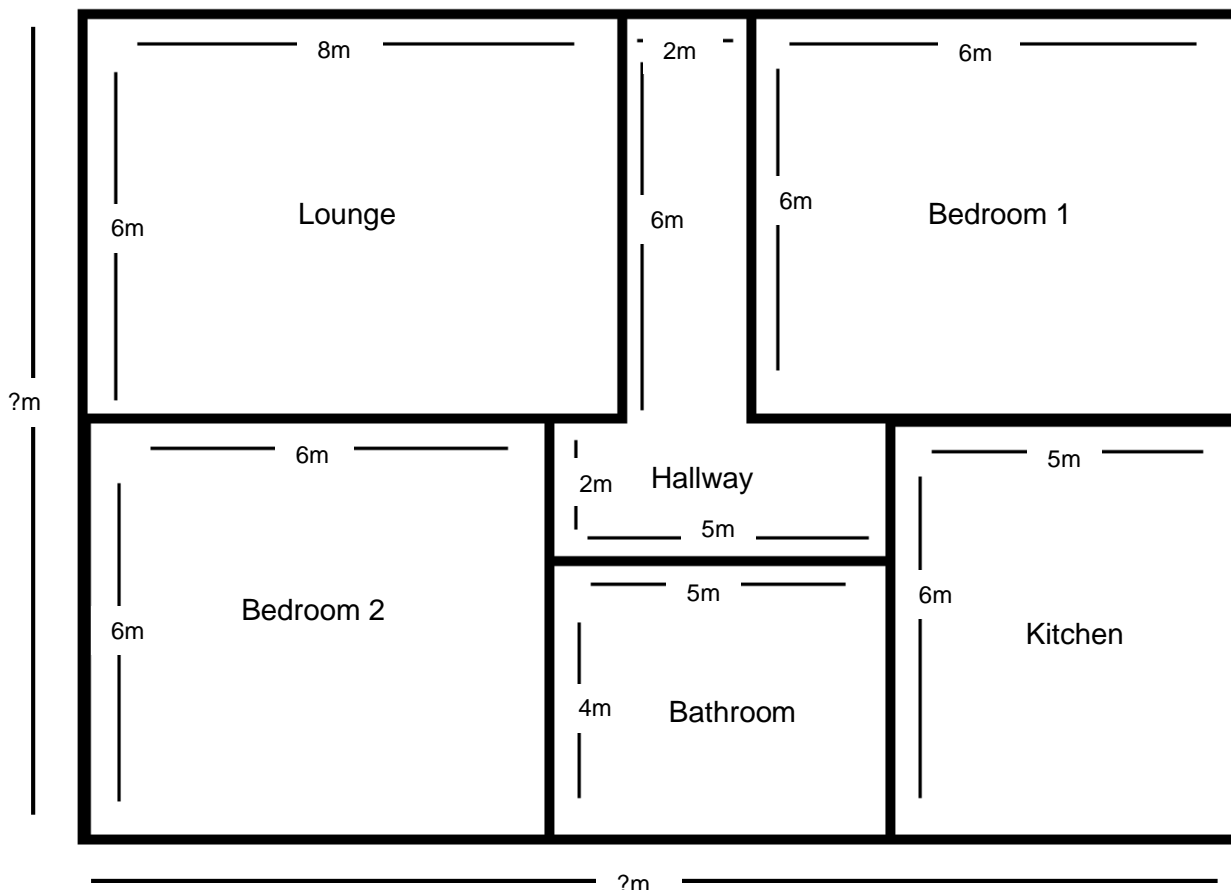


KS2 Mathematics worksheet – Area and Perimeter

5 Star Construction have been asked to build a new home for the Smith family. The family have asked the builders to use plans that they have already drawn up below.



1. They have not bought any land to build the home on yet as they don't know how much room they need.

Your job is to tell the Smith family how much land that they will need to buy. To do this you need to work out the total area and perimeter of the home. **REMEMBER: the formula for area = length x width and the perimeter is the distance around each side.**

The area of the home is:

The perimeter of the home is:

2. The Smith family have now bought the land to build their home on thanks to your help! But, the job hasn't finished yet. In order to build the house properly, you need to know how many floorboards to use in each room. To do that, you must know the area and perimeter of each room (including the hallway).

Use the table below to write down the area of each room.

Room	Area in m^2	Perimeter in m
Lounge		
Bedroom 1		
Bedroom 2		
Kitchen		
Bathroom		
Hallway		

3. Now you know how big each of the rooms are, you're ready to start building! But, the Smith family want to know how much the floorboards are going to cost.

You can buy floorboards for £5 per m^2 .

Looking back at the answers you already have, use the table below to write down how much each room will cost to put floorboards.

Once you've done that, can you tell them how much it will cost in total?

Room	Cost (£)
Lounge	
Bedroom 1	
Bedroom 2	
Kitchen	
Bathroom	
Hallway	

TOTAL:	£
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