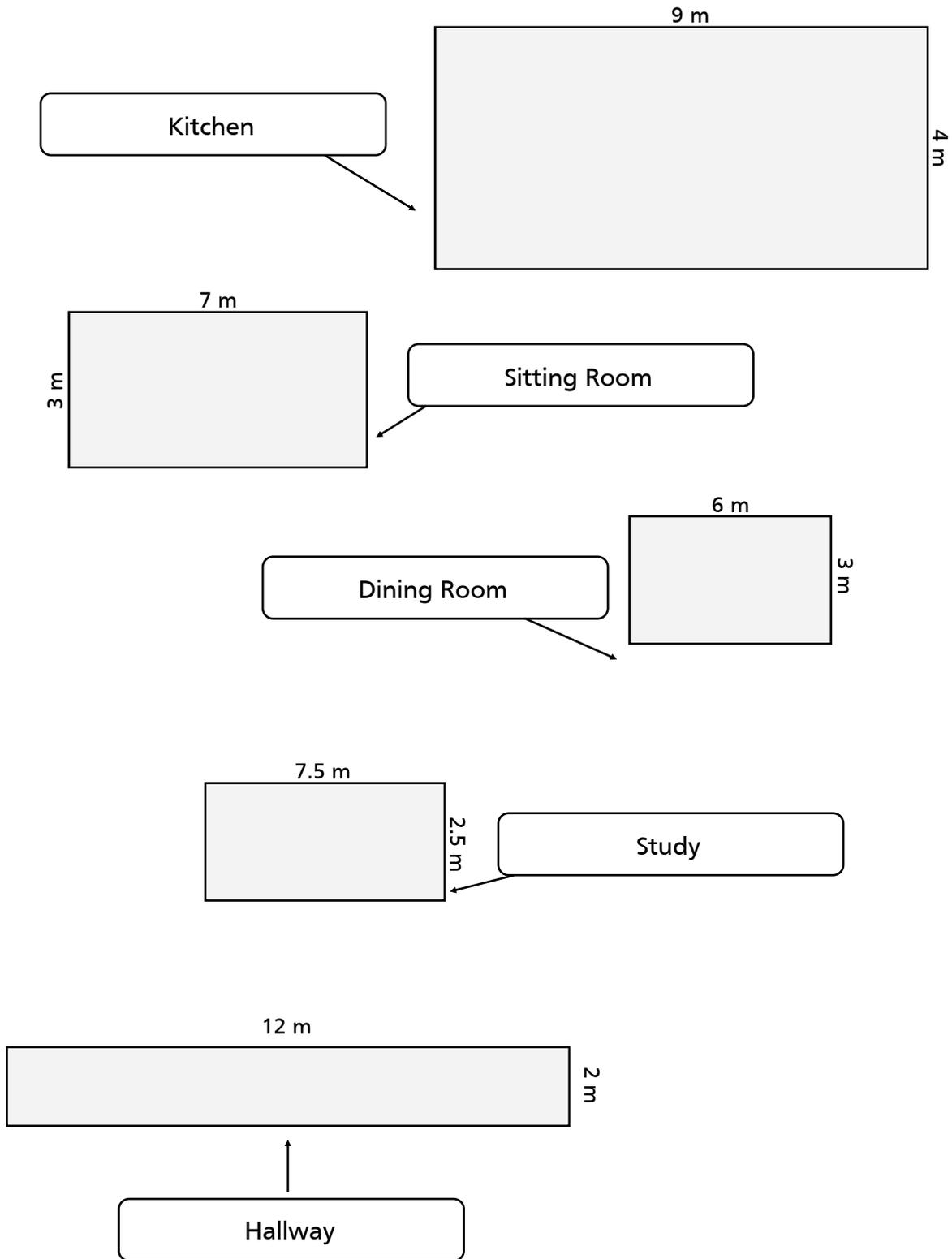


Amanda has just bought a house in Leckhampton and is going to spend the summer at the property, overseeing the flooring.  
Below are the dimensions of the downstairs rooms:



1 Mandy has chosen some 50 x 50 cm tiles for the kitchen.  
They come in boxes of 12 and each box costs £99.00

A. How many tiles will she need?

B. How many boxes will she need?

C. How much will they cost in total?

2 Mandy has her eye on some Spanish Cherry parquet flooring for the sitting room.

The wooden tiles cost £40 per square metre.

How much will they cost in total?

3 Some nice wood tiles will look nice in the hallway.

A. How many will be needed if they measure 100cm x 100cm?

B. What will the total cost be if they are sold in boxes of 4, each box costing £60 per box?

4 Mandy chooses wooden tiles for the dining room that measure 75cm x 75cm.

A. How many tiles will she need to buy?

B. They come in boxes of 8 and cost £70 per box.  
What is the total bill?

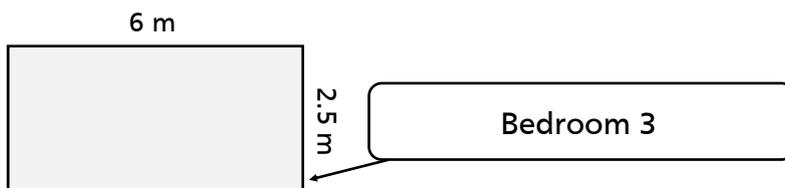
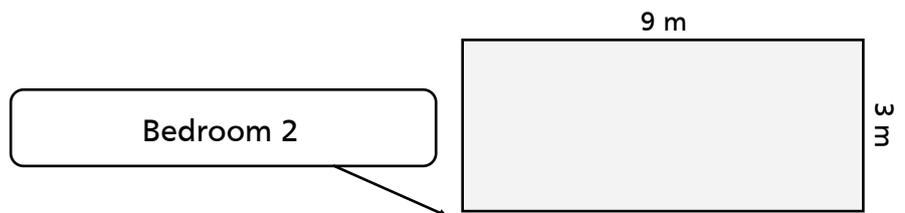
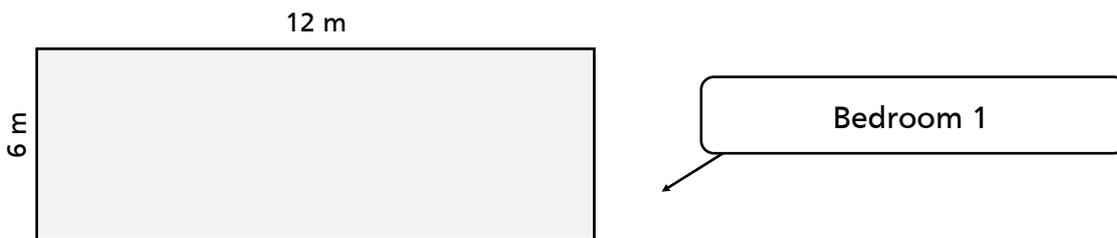
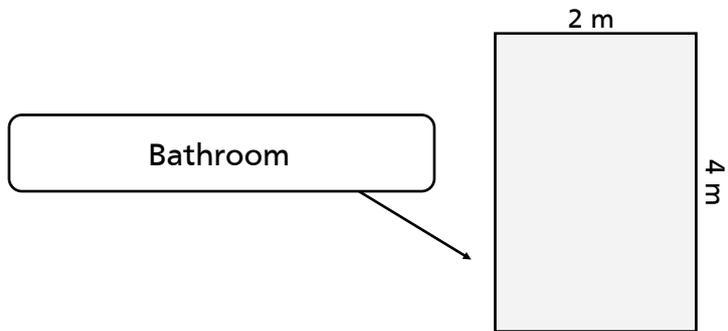
5 Mandy buys 50cm x 50cm tiles for the study.  
The tiles cost £12.00 each.

How much will the tiles cost in total?

6 Mandy is going to buy all her new flooring from the same shop who have offered her a 20% discount.

How much discount will Mandy obtain?

Below are the dimensions of the upstairs rooms:



1

Mandy has chosen some white 25cm x 25cm tiles for the bathroom.

A. How many will be needed?

The tiles cost £5 each.

B. What will the total cost be?

2

Mandy is not having carpet in her bedroom (that's bedroom 1) because it's just not trendy in France so she opts for some 'Rustic Willow' tiles. The tiles measure 75cm x 75cm and Sophie agrees to have the same tiles in her bedroom (that's bedroom 2) as it will look much nicer if the flooring is all the same in that part of the house.

The Rustic Willow tiles come in boxes of 6, priced at £50.00 per box.

A. How many tiles will be needed for the two bedrooms?

B. How many boxes will Mandy need to buy?

C. How much will they cost?

3

Florrie has decided to buck the trend and have carpet in her bedroom (that's bedroom 3)

The carpet costs £40 per square metre.

How many square metres of carpet will be needed?

How much will Florrie's carpet cost?

4

Mandy has again managed to negotiate a good deal as she will be getting all the tiles from the same shop and this time she has secured a 40% discount.

What will the total bill be for all the flooring for upstairs?

1	A. 144 tiles B. 12 boxes C. £1188
2	£840.00
3	A. 24 B. £360.00
4	A. 32 tiles B. £280.00
5	£900.00
6	£713.60

1	A. 128 tiles B. £640
2	A. 176 B. 30 boxes C. £1,500 .
3	A. 15 m <sup>2</sup> B. £600.00
4	£1644.00