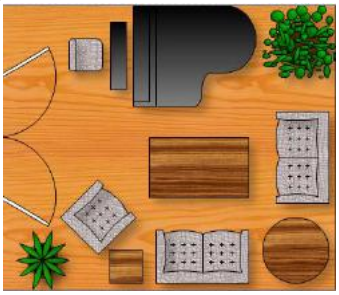
Home Learning 22.10.20-Green

LI: To calculate the perimeter of shapes using doubling and adding

1.

5m

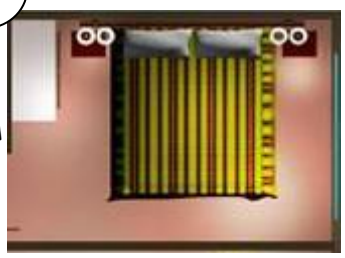
4m



2.

6m

2m



3.

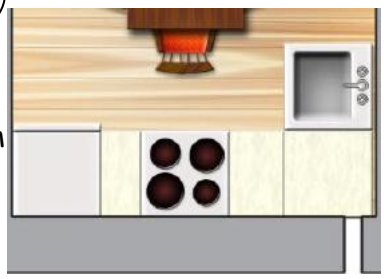
7m

2m

4.

4m

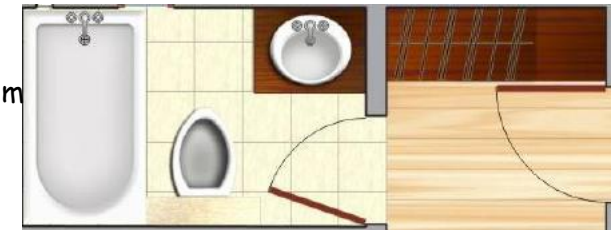
3m



5.

12m

2m



6.

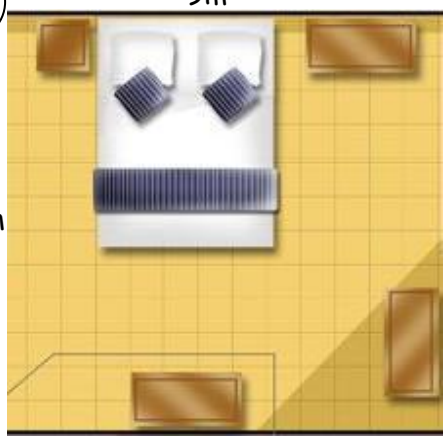
5m

5m

7.

9m

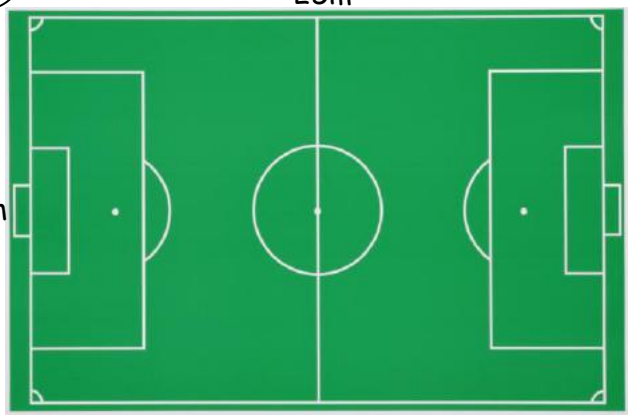
8m



8.

25m

15m



NOW: Measure 2 sides of these rectangles and then calculate the perimeter of them

9.

10

11

12

10

13

Home Learning 22.10.20-yellow

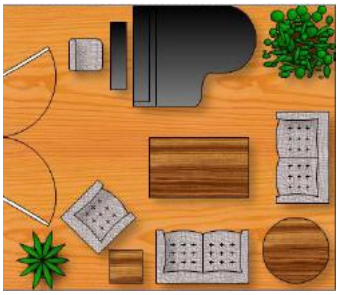
LI: To calculate the perimeter of shapes using doubling and adding

Scampi and George are exploring an enormous mansion. They explore every room and begin by scampering all the way around the perimeter of each room. Find out what the perimeter of each room is, that they explore.

1.

8m

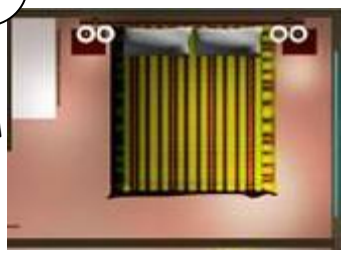
4m



2.

6m

3m



3.

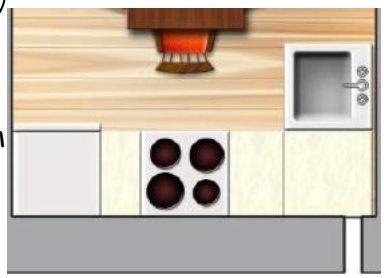
9m

3m

4.

4.5m

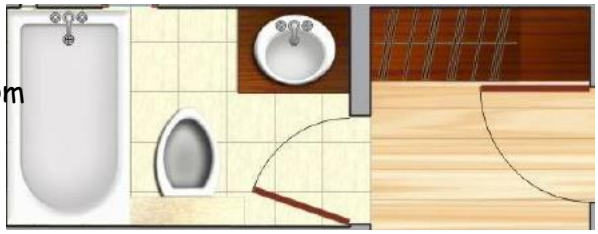
3.5m



5.

12.5m

2.5m



6.

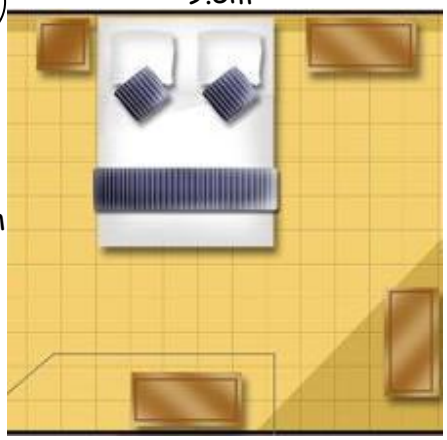
5.5m

4.5m

7.

9.5m

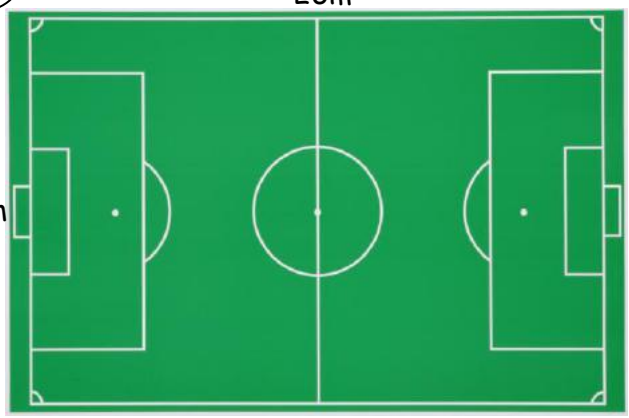
8.5m



8.

26m

16m



NOW: Measure 2 sides of these rectangles and then calculate the perimeter of them

9.

10

11

12

13

Home Learning 22.10.20-Red

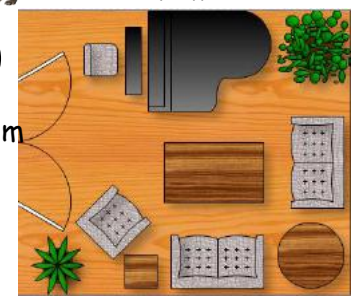
LI: To calculate the perimeter of shapes using doubling and adding

Scampi and George are exploring an enormous mansion. They explore every room and begin by scampering all the way around the perimeter of each room. Find out what the perimeter of each room is, that they explore.

1.

8.2m

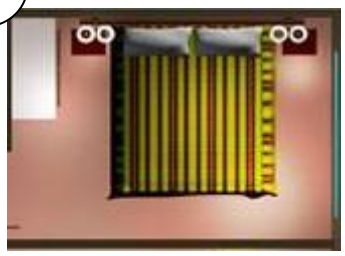
6.3m



2.

6.4m

2.1m



3.

7.7m

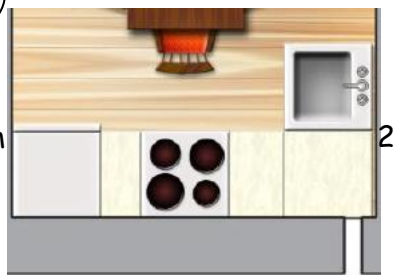
2.3m

4.

4.8m

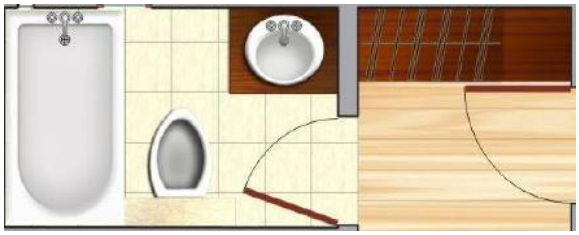
3.2m

2.4m



5.

12.8m



6.

5.9m

5.7m

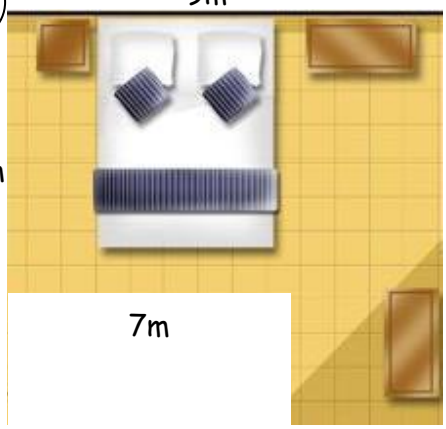
7.

9m

6m

8m

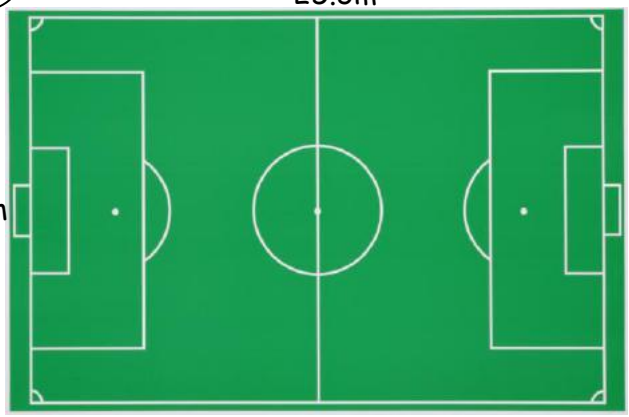
7m



8.

25.3m

15.9m



NOW: Measure 2 sides of these rectangles and then calculate the perimeter of them

9.

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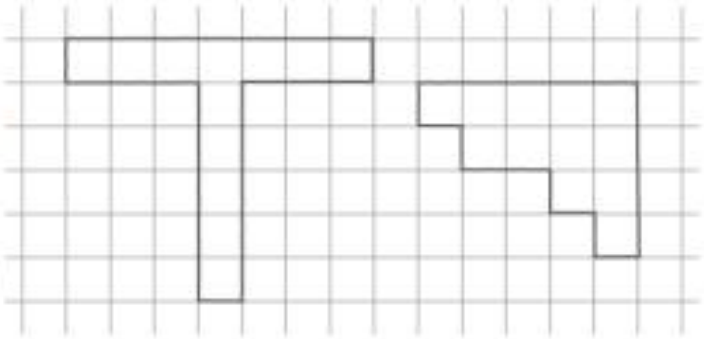
Shapes with the same area but different perimeters

You need:

- cm squared paper
- ruler
- pencil and paper

- Draw shapes which enclose 12 small centimetre squares on your squared paper.
- Start with rectangles, but then draw other shapes too.
- Each of the 12 small squares must have at least 1 side in contact with the side of another small square – they cannot just meet at the corner.



- Work out the perimeter of each shape you have drawn by counting around the outside of the enclosed centimetre squares.
- Try to arrange the 12 small squares to create the shape with the longest perimeter and the shape with the shortest perimeter.