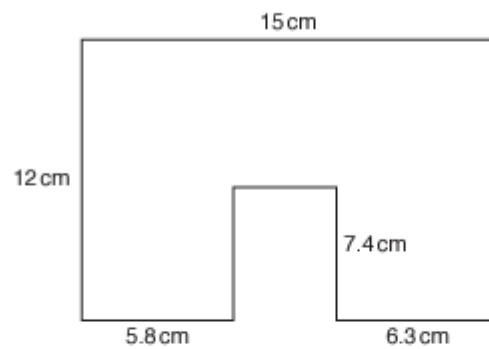


- 12 The shape below is formed from a rectangle measuring 12 cm by 15 cm from which a rectangle of length 7.4 cm has been removed.

Not to scale



Work out the perimeter of the shape.

.....cm [3]

- 13 Calculate the circumference of a circle with diameter 10 cm.

..... cm [2]

- 12 Fran is decorating her bedroom.
She is going to put a border all around the bedroom.
This diagram shows a plan of the bedroom.

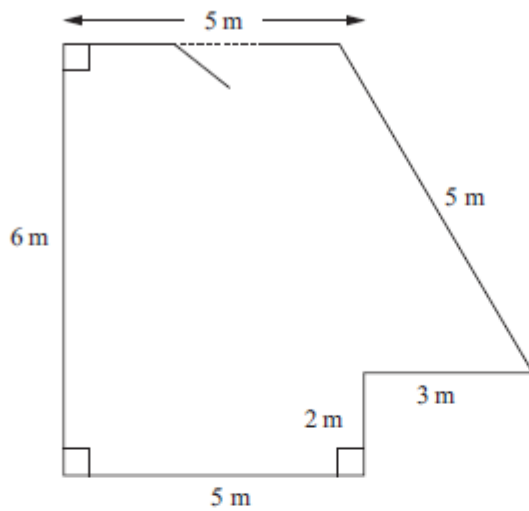


Diagram NOT
accurately drawn

Border rolls are sold in 4 m lengths.
Work out the number of border rolls Fran will need to buy.

(Total for Question 12 is 4 marks)