

Name:

Exam Style Questions

Cost per Metre



Equipment needed: Pen, Calculator

### Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

Video 400m



Answers and Video Solutions



1. String costs 40p per metre.



Work out the cost of 6 metres of string.

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(2)

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2. Adil wants to buy 14 metres of ribbon.



The ribbon costs £1.79 per metre.

Work out the total cost of the ribbon.

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(2)

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3. Henry bought 12 metres of guttering for £78.72



Work out the cost per metre for the guttering.

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(2)

4. Electrical wire costs £3 per metre.



Sonny bought some electrical wire and paid £49.50

How much electrical wire did Sonny buy?

.....m  
**(2)**

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5. Harris bought the following items from a shop.



5 metres of fabric at £4.75 per metre.

3 packets of felt pens at £6 each.

4 bottles of PVA glue at £4.50 each.

Work out the total price of the items.

.....  
**(3)**

6. Deborah is putting up a fence.



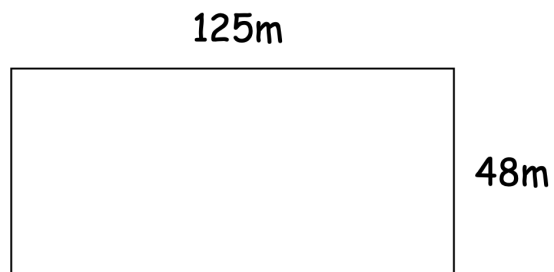
The fence costs £18.25 per metre.  
Deborah bought 24 metres of fencing and 25 fence posts.

The total cost was £863

Work out the price of each fence post.

.....  
**(3)**

7. Barry has a rectangular field.



The fence costs £18.74 per metre.

Work out the total cost for the fence.

.....  
**(3)**

8. Mr Richards pays to get some guttering installed on his shed.



The guttering costs £5.50 per metre.  
He is charged £18 per hour for the work.

A total of 20m of guttering is used.  
It takes two hours for the guttering to be installed.

Work out the total cost.

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**(3)**

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9. Carolyn bought 4 old chairs for £14



She uses 2.4m of cloth at £13 per metre to recover the seat cushions.

Carolyn sold the chairs for £49 each.

Work out how much profit Carolyn made.

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**(3)**

10. Bill and Janet take part in a Swimathon.



Mrs Kelly gave them the same amount of money for each metre swam.

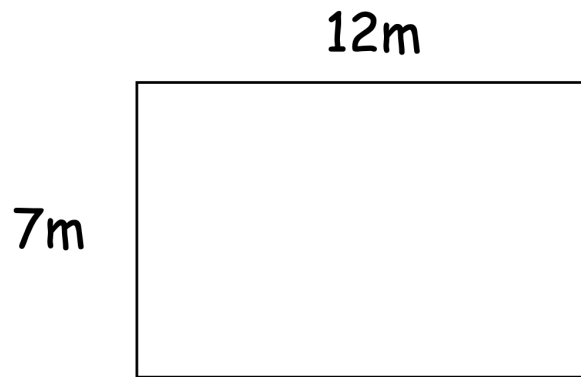
Bill swam 400m and Mrs Kelly gave him £16

Mrs Kelly gave Janet £52

How far did Janet swim?

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**(3)**

11. Roisin has a rectangular garden.



She wants to lay turf and put a fence around the garden.

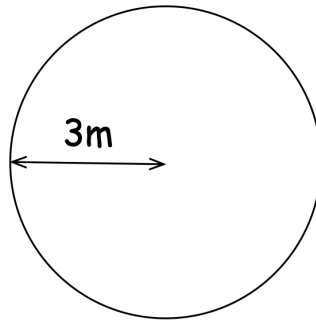
The turf costs £7.25 per square metre.

The fence costs £15 per metre.

Work out the total cost of the turf and the fence.

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(5)

12. Alannah has a circular pond with radius 3m.



Alannah puts a fence around the pond.  
Each metre of fencing cost £5.95

Work out the total cost of the fence.

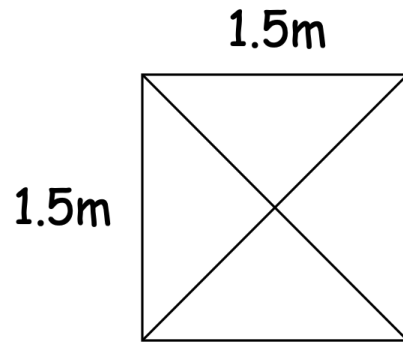
.....  
**(3)**



13. Jonah is making a metal gate for the side of his house.



The gate is a square with two diagonal supports.



Jonah will buy one piece of metal and cut it into the 6 pieces he needs.

The metal costs £35.80 per metre.

The metal can be bought in 10cm intervals.

Work out the total cost for the metal needed for the gate.

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(6)