

Name: _____

Exam Style Questions



Multiplication

Corbettmaths

Grid method

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

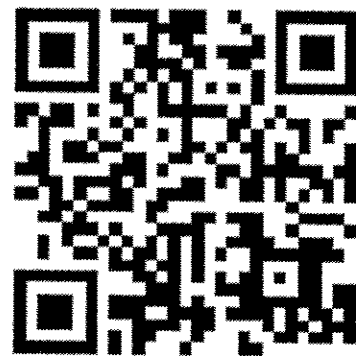
1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 199

Video 200



1. Calculate 13×9

x	10	3
9	90	27

90
+27
117

117
(1)

2. Work out 27×14

x	20	7
10	200	70
4	80	28

200
70
80
+ 28
378

378
(2)

3. Find the product of 53 and 71.

	70	1
50	3500	50
3	210	3

3500
210
50
+ 3
3763

3763
(2)

4. A football team bring 8 coaches of supporters to a cup match.
Each coach holds 53 passengers.

How many supporters are brought to the cup match by the 8 coaches?

$$\begin{array}{r|l} x & 50 \quad 3 \\ \hline 8 & 400 \quad 24 \end{array}$$

424

.....
(2)

5. Mr Jones owns an electronics shop.
He orders 16 laptops at £312 each.

Mr Jones sells the 16 laptops at £500 each.

Work out the profit.

$$\begin{array}{r|l} x & 500 \\ \hline 10 & 5000 \\ 6 & 3000 \end{array}$$

Sold for £8000

$$\begin{array}{r|l} x & 300 \quad 10 \quad 2 \\ \hline 10 & 3000 \quad 100 \quad 20 \\ 6 & 1800 \quad 60 \quad 12 \\ & 3000 \\ & 1800 \\ & 100 \\ & 60 \\ & 20 \\ & 12 \\ & + \\ & \hline & 4992 \end{array}$$

bought for £4992

$$\begin{array}{r} 8000 \\ - 4992 \\ \hline \pounds 3008 \end{array}$$

£.....3008.....
(4)

6. Timothy saves £34 a week.

Calculate how much money Timothy will save in one year.

$$\begin{array}{r|rr} & 52 & \times & 34 \\ \hline 30 & 1500 & & 60 \\ 4 & 200 & & 8 \end{array}$$

$$\begin{array}{r} 1500 \\ 60 \\ 200 \\ + 8 \\ \hline 1768 \end{array}$$

£ 1768
(2)

7. A theatre has 46 rows.
There are 42 seats in each row.

During a show at the theatre, there are 50 empty seats.

Work out how many people are watching the show.

$$\begin{array}{r} 46 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r|rr} & 40 & & 6 \\ \hline 40 & 1600 & & 240 \\ 2 & 80 & & 12 \end{array}$$

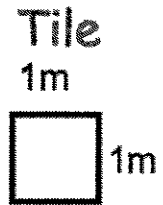
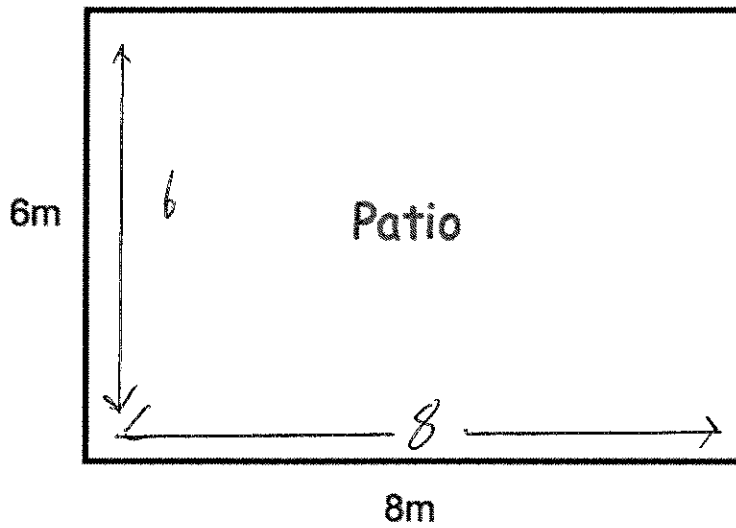
$$\begin{array}{r} 1600 \\ 240 \\ 80 \\ 12 \\ \hline 1932 \end{array}$$

$$\begin{array}{r} 81 \\ 1932 \\ - 50 \\ \hline 1882 \end{array}$$

1882
(3)

8.

Not to scale



Leanne is tiling her patio.
The patio is 6m by 8m.
Each square tile is 1m by 1m.
Each tile cost £3.

Calculate the cost of tiling the patio.

$$6 \times 8 = 48$$

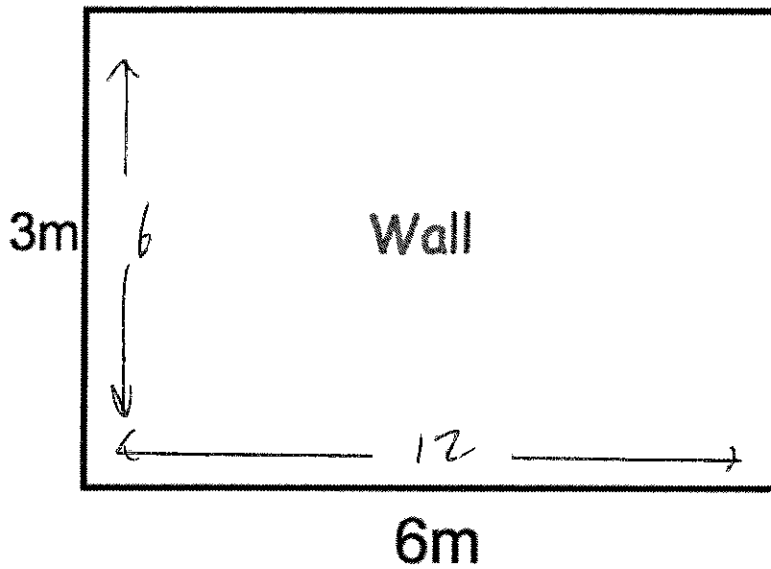
$$48 \times 3$$

$$\begin{array}{r|l} \times & 40 \ 8 \\ \hline 3 & 120 \ 24 \end{array}$$

£.....144.....
(3)

9.

Not to scale



Tile



Mollie is tiling her bathroom wall.
The wall is 6m by 3m.
Each square tile is 50cm by 50cm.
Each tile cost £4.

$$6 \times 12 = 72 \text{ tiles}$$

Calculate the cost of tiling the wall.

$$72 \times 4$$

$$\begin{array}{r|l} \times & 70 \quad 2 \\ \hline 4 & 280 \quad 8 \end{array}$$

£.....²⁸⁸.....
(4)

10.

CARS'R'US

Small car:
£24 per day plus 15p per mile

Suzie hires a small car for 9 days.
 She drives a total of 200 miles.

Find the total cost.

$9 \times £24$

x	20	4	
9	180	36	
			£216

$200 \times 15p$

x	10	5	
200	2000	1000	
			3000p = £30

£.....246.....
 (3)

11. The area of a rectangle is found by multiplying the length and the width.



Calculate the area of the rectangle.

x	20	7	
10	200	70	
4	80	28	
			200 70 80 28 ----- 378
		378.....cm ² (2)

12. A primary school are carpeting a classroom.
The room is 9 metres by 7 metres.

The carpet is £29 per square metre.

Calculate the cost of the carpet.

$$9 \times 7 = 63$$

$$63 \times 29$$

x	60	3
20	1200	60
9	540	27

1200	
540	
60	
+ 27	
1827	£.....1827.....

(3)

13. James bought a motor scooter on hire purchase.
He paid a deposit of £275 and 18 monthly payments of £36.

At the end of the payments, he sold the motor scooter for £450.

How much did it cost him in total?

$$18 \times 36$$

x	10	8
20	300	240
6	60	48

300
240
60
+ 48
648

648
+ 275
923

923
- 450
473

£.....473.....

(3)

14. Work out 375×52

x	300	70	5
50	15000	3500	250
2	600	140	10

15000
 3500
 250
 600
 140
 10

 19500

19500

 (3)

15. Work out 418×129

x	400	10	8
100	40000	1000	800
20	8000	200	160
9	3600	90	72

40000
 1000
 800
 8000
 200
 160
 3600
 90

 53922

 (3)

16. Kyle is organising a charity concert at school.
 The concert is sold out.
 The hall holds 28 rows of 16 seats.
 Each person will pay £6.

How much money will Kyle raise for charity?

$$28 \times 16$$

x	20	8	
10	200	80	200
6	120	48	80
			120
			148
			448

$$448 \times 6$$

x	400	40	8
6	2400	240	48

£ 2688
(4)

2400
240
48
2688