

Name: \_\_\_\_\_

Exam Style Questions



**Multiplication**

Corbettmaths

*Column method*

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

You may use tracing paper if needed

### Guidance

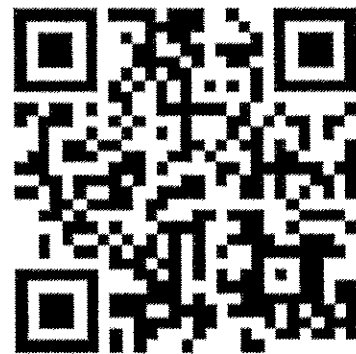
1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

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

**Video 199**

**Video 200**



1. Calculate  $13 \times 9$

$$\begin{array}{r} 13 \\ \times 9 \\ \hline 117 \end{array}$$

$$\begin{array}{r} 117 \\ \hline \end{array} \quad (1)$$

2. Work out  $27 \times 14$

$$\begin{array}{r} 27 \\ \times 14 \\ \hline 108 \\ 270 \\ \hline 378 \end{array}$$

$$\begin{array}{r} 378 \\ \hline \end{array} \quad (2)$$

3. Find the product of 53 and 71.

$$\begin{array}{r} 71 \\ \times 53 \\ \hline 213 \\ 3550 \\ \hline 3763 \end{array}$$

$$\begin{array}{r} 3763 \\ \hline \end{array} \quad (2)$$

6. Timothy saves £34 a week.

Calculate how much money Timothy will save in one year.

$$\begin{array}{r} 34 \\ \times 52 \\ \hline 68 \\ 1700 \end{array}$$

$$\begin{array}{r} \text{£ } 1768 \\ \hline \end{array} \quad (2)$$

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.

$$\begin{array}{r} 46 \\ \times 42 \\ \hline 96 \\ 1840 \\ \hline 1932 \end{array}$$

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

$$\begin{array}{r} 1882 \\ \hline \end{array} \quad (3)$$

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?

$$\begin{array}{r} 53 \\ \times 8 \\ \hline 424 \end{array}$$

$$\begin{array}{r} 424 \\ \hline \end{array} \quad (2)$$

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.

$$\begin{array}{r} 312 \\ \times 16 \\ \hline 1872 \\ + 3120 \\ \hline 4992 \end{array}$$

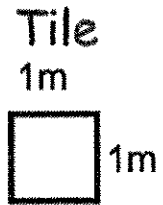
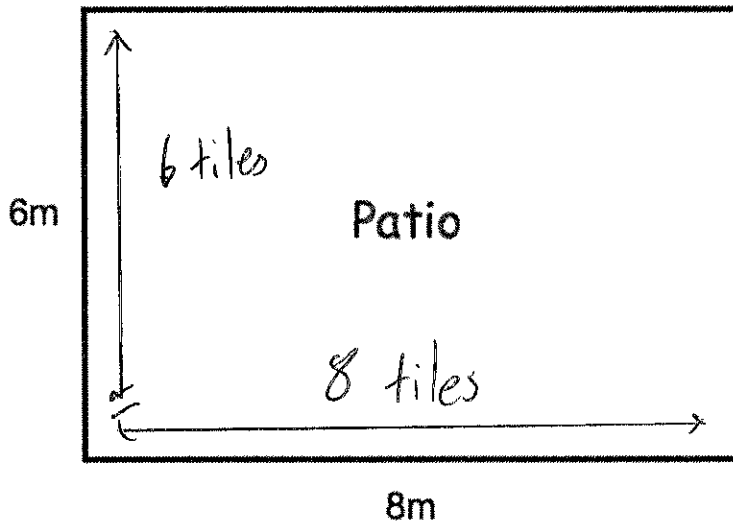
$$\begin{array}{r} 500 \\ \times 16 \\ \hline 3000 \\ + 8000 \\ \hline 8000 \end{array}$$

$$\begin{array}{r} 799 \\ \cancel{8000} \\ - 4992 \\ \hline 3008 \end{array}$$

$$\begin{array}{r} \text{£} 3008 \\ \hline \end{array} \quad (4)$$

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.

$$6 \times 8 = 48$$

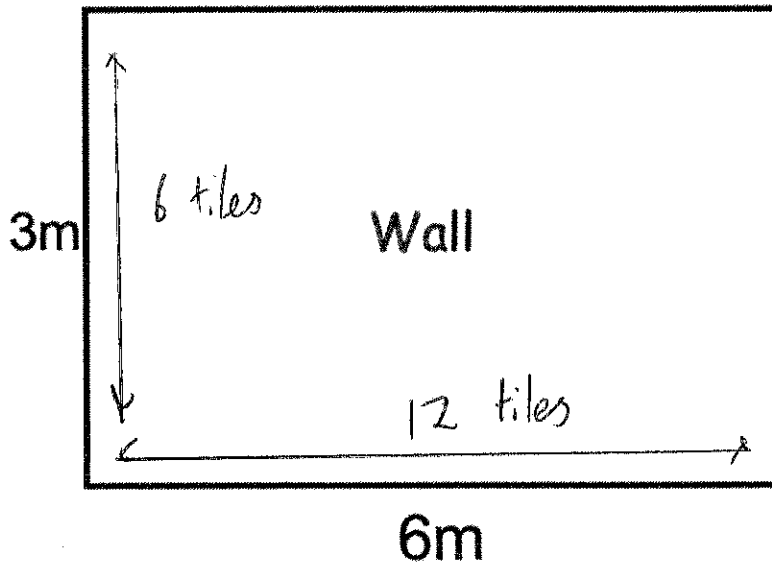
$$\begin{array}{r} 48 \\ \times 3 \\ \hline 144 \end{array}$$

£ 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.

Calculate the cost of tiling the wall.

$$\begin{array}{r} 12 \\ \times 6 \\ \hline 72 \text{ tiles} \end{array} \quad \begin{array}{r} 72 \\ \times 4 \\ \hline 288 \end{array}$$

£ 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.

$$\begin{array}{r} 24 \\ \times 9 \\ \hline \pounds 216 \end{array}$$

$$\begin{array}{r} 200 \\ \times 15 \\ \hline 1000 \\ 2000 \\ \hline 3000p \\ \pounds 30 \end{array}$$

£ 246 ..... (3)

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



Calculate the area of the rectangle.

$$\begin{array}{r} 27 \\ \times 14 \\ \hline 108 \\ 270 \\ \hline 378 \end{array}$$

..... 378 .....cm<sup>2</sup>  
(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.

$$9 \times 7 = 63 \text{ m}^2$$

$$\begin{array}{r} 63 \\ \times 29 \\ \hline 567 \\ + 1260 \\ \hline 1827 \end{array}$$

$$\text{£ } \underline{1827} \dots\dots\dots (3)$$

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?

$$\begin{array}{r} 36 \\ \times 18 \\ \hline 288 \\ + 360 \\ \hline 648 \end{array}$$

$$\begin{array}{r} 648 \\ + 275 \\ \hline 923 \end{array}$$

$$\begin{array}{r} 923 \\ - 450 \\ \hline 473 \end{array}$$

$$\text{£ } \underline{473} \dots\dots\dots (3)$$



14. Work out  $375 \times 52$

$$\begin{array}{r} 375 \\ \times 52 \\ \hline 750 \\ 3^{\times} 18750 \\ \hline 19500 \end{array}$$

$$\begin{array}{r} 19500 \\ \hline \end{array} \quad (3)$$

15. Work out  $418 \times 129$

$$\begin{array}{r} 418 \\ \times 129 \\ \hline 3762 \\ 8360 \\ + 41800 \\ \hline 53922 \end{array}$$

$$\begin{array}{r} 53922 \\ \hline \end{array} \quad (3)$$

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?

$$\begin{array}{r} 28 \\ \times 16 \\ \hline 168 \\ + 280 \\ \hline 448 \end{array}$$

$$\begin{array}{r} 448 \\ \times 6 \\ \hline 2688 \end{array}$$

£ 2688

(4)