

Name: _____

Exam Style Questions

Decimals: Multiplication and Division



Corbettmaths

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

Secondary

Video 92

Video 93

Video 94



1. Work out

(a) 0.3×0.2

.....
(1)

(b) 0.8×1.2

.....
(2)

2. Work out

(a) $5.18 \div 7$

.....
(2)

(b) $16.44 \div 0.3$

.....
(2)

3. Work out

(a) 0.3×0.3

.....
(1)

(b) 0.06×0.4

.....
(1)

(c) 1.9×1.2

.....
(2)

(d) 12.4×0.7

.....
(2)

(e) 75.2×0.23

.....
(2)

4. Work out

(a) $120 \div 0.3$

.....
(1)

(b) $14.04 \div 6$

.....
(2)

(c) $0.845 \div 5$

.....
(2)

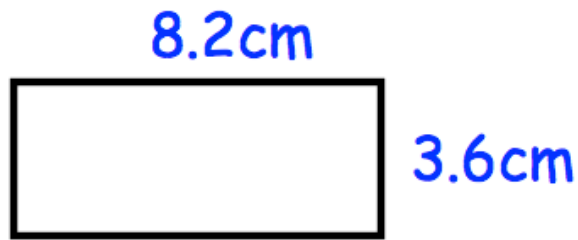
(d) $1.72 \div 0.8$

.....
(2)

(e) $5 \div 0.04$

.....
(2)

5. Shown below is a rectangle.



Find the area of the rectangle.
Include units.

.....
(3)

-
6. State whether each answer is more than 20 or less than 20.
Write "more than" or "less than" for each.

(a) 20×0.8

.....

(b) $20 \div 0.8$

.....

(c) 0.2×200

.....

(d) $0.2 \div 200$

.....
(2)

7. You are given that $358 \times 26 = 9308$

Use this information to find the answers to

(a) 3580×260

.....
(1)

(b) 3.58×2.6

.....
(1)

(c) 3580×0.26

.....
(1)

(d) $93080 \div 2.6$

.....
(1)

(e) 358×52

.....
(2)

8. You are given that $29 \times 1374 = 39846$

Use this information to find the answers to

(a) $39846 \div 29$

.....
(1)

(b) 2.9×13.74

.....
(1)

(c) 0.29×13740

.....
(1)

(d) $398.46 \div 1.374$

.....
(1)

(e) 58×1374

.....
(2)

9. Mrs Webb has a roll of ribbon that is 44.1m long.
She needs strips of ribbon that are 2.5m long

How many 2.5m strips will Mrs Webb get from the roll?

.....
(3)

10. Alison changes £16 into American dollars.
The exchange rate is £1 to \$1.40

How many American dollars does Alison receive?

\$.....
(2)

11. A DVD costs £6.79 each.

Work out the cost of 5 DVDs.

£.....
(2)

12. Work out

(a) 0.2×0.1

.....
(1)

(b) 0.7^2

.....
(1)

(c) 0.2^3

.....
(2)

13. Scott has a rope 8 metres long.
He says, "I need 9 pieces each 0.89 metres long."

Will Scott have enough ribbon?
Explain your answer.

(3)

14. Work out

$$\frac{4}{0.08}$$

.....
(2)

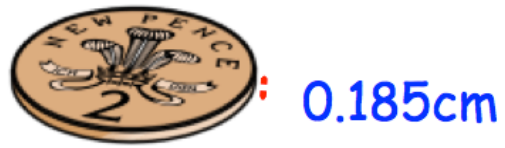
15. Shown below is a rectangle.



The area of the rectangle is 17.92cm^2 .
Find y .

.....
(2)

16. Shown below is a 2 pence coin.



Each 2 pence coin is 0.185cm thick.
Stephen builds a tower of 250 2p coins.

How tall is the tower?

.....
(3)