

Name:

Exam Style Questions

Multiply & Divide by
10, 100, 1000 etc



Corbettmaths

Equipment needed: Pen

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

Videos 99, 100, 202, 203



Answers and Video Solutions



1. Work out



(a) 8×10

.....
(1)

(b) 6×100

.....
(1)

(c) 1000×17

.....
(1)

(d) 3.4×10

.....
(1)

(e) 0.2×100

.....
(1)

(f) 49.1×1000

.....
(1)

2. Work out



(a) $70 \div 10$

.....
(1)

(b) $6000 \div 100$

.....
(1)

(c) $17 \div 10$

.....
(1)

(d) $93 \div 100$

.....
(1)

(e) $28900 \div 1000$

.....
(1)

(f) $0.84 \div 10$

.....
(1)

3. An egg box can hold 10 eggs.
How many eggs are there in 45 full boxes?



.....eggs
(1)

4. Jacob is paid £10 an hour to deliver newspapers.
His monthly pay for October was £380



How many hours did Jacob work in October?

.....hours
(1)

5. Shown below are some questions and answers.



$200 \div 10$ 0.2

$0.2 \div 10$ 20

0.2×10 2

$2 \div 10$ 0.02

$2 \div 1000$ 0.002

Match the correct questions and answers.
The first one has been completed for you.

(3)

6. Fill in the missing numbers



(a)

$$85 \times \square = 8500$$

(1)

(b)

$$\square \times 1000 = 400$$

(1)

(c)

$$\square \times 10 = 457.1$$

(1)

(d)

$$1900 \div \square = 19$$

(1)

(e)

$$\square \div 10 = 0.05$$

(1)

(f)

$$94000 \div \square = 94$$

(1)

7.



(a) Work out 942×10

.....
(1)

(b) Write down the value of the digit 4 in the answer to (a)

.....
(1)

8.



Write down the value of the digit 3 in the answer 931×100

.....
(2)

9.

Write down the value of the digit 5 in the answer $125000 \div 100$



.....
(2)

10. Work out twenty thousand divided by one million



.....
(2)

11. A coffee shop sells cups of coffee in 0.4 litre cups.
In one day they sell 10000 cups of coffee.



How many litres of coffee do they sell?

.....
(2)

12. Carly needs 42000 blocks of Lego to build a large castle.
The lego blocks are sold in boxes of 100.



How many boxes of lego does she need?

.....
(1)

13. Work out



(a) 23×10^2

.....
(2)

(b) 7×10^3

.....
(2)

(c) 2.5×10^3

.....
(2)

(d) 1.8×10^4

.....
(2)

(e) 0.2×10^2

.....
(2)

(f) 0.0006×10^2

.....
(2)

14. Work out



(a) $4000 \div 10^2$

.....
(2)

(b) $25000 \div 10^3$

.....
(2)

(c) $170 \div 10^2$

.....
(2)

(d) $9300 \div 10^4$

.....
(2)

(e) $98 \div 10^2$

.....
(2)

(f) $54 \div 10^3$

.....
(2)

15. Fill in the missing number.



$$0.28 \times 20 = \boxed{} \times 10$$

(1)

16. Fill in the missing number.



$$26 \div 50 = \boxed{} \div 100$$

(1)

17. Fill in the missing number.



$$8.4 \times 10^3 = \boxed{} \div 10$$

(2)