Q1.

Write the missing number to make this **division** correct.

$0.3 \div \square = 0.03$

1 mark

Q2.

Here are five number cards.

0.47	10	100	1000	4.07

Use **four** of the cards to complete these calculations.

$47 \div \square = \square$

$\square \times \square = 40.7$

1 mark

Q3.

Write the missing number to make this **division** correct.

$75 \div \square = 7.5$

1 mark

Q4.

Amina's bed is 190 cm in length and 91 cm in width.

She is making a **one-tenth** scale model of the bed.

What are the length and width of Amina's model?

length = ☐ **cm**

width = ☐ cm

1 mark

Q5.

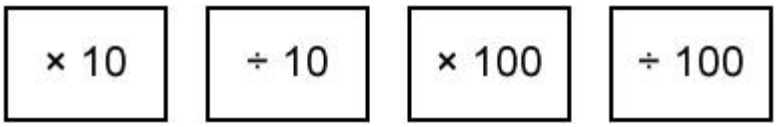
Circle the number that is **10 times** greater than nine hundred and seven.

9,700 907 9,007 970 9,070

1 mark

Q6.

Complete the number sentences using these cards.



25 ☐ = 2.5

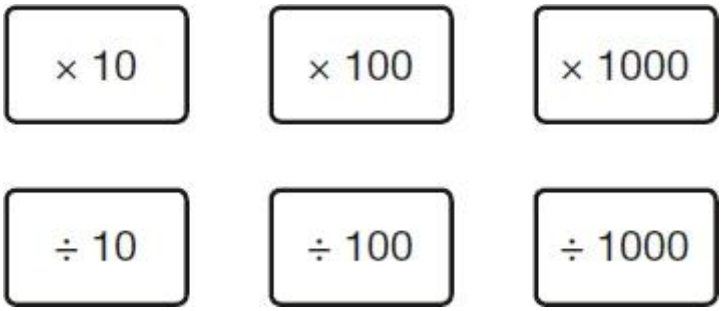
7 ☐ = 0.07

3.6 ☐ = 360

2 marks

Q7.

Complete the number sentences using these cards.



$36.55 \square = 365.5$

$0.2 \square = 0.002$

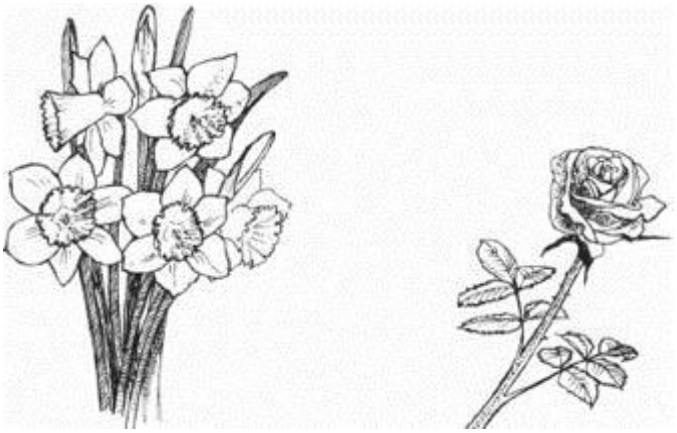
$7800 \square = 7.8$

$47.3 \square = 4730$

2 marks

Q8.

A shop sells flowers.



Daffodils
99p for a bunch

Roses
40p each

John buys 3 bunches of daffodils.

How much does he pay altogether?

1 mark

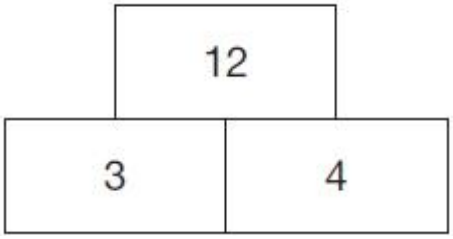
Karpal has **£4.00** to spend on **roses**.

How many **roses** can she buy for **£4.00**?

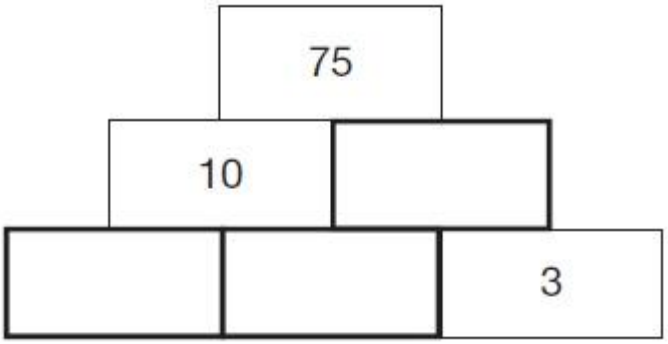
1 mark

Q9.

In this tower, two numbers are **multiplied** to give the number above.



Write the missing numbers in the tower below to make it correct.



2 marks

Q10.

Complete these calculations.

15 × 100 = ☐

☐ × 10 = 1500

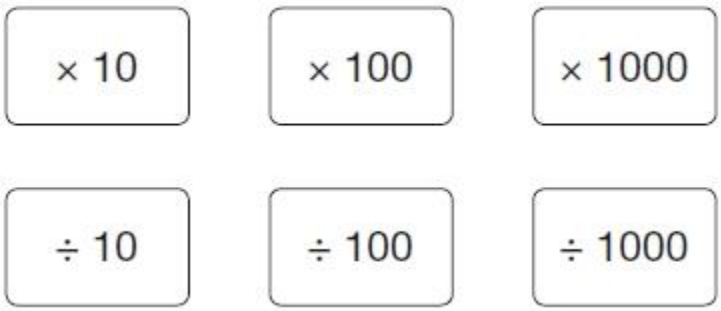
☐ ÷ 100 = 150

150 ÷ 10 = ☐

2 marks

Q11.

Here are six cards.



Use a card to complete each calculation.

5.3 ☐ = 0.53

5.3 ☐ = 5300

5.3 ☐ = 0.053

2 marks

Q12.

A shop sells candles.

plain candles
35p each

star candles
60p each

stripe candles
85p each

Sapna buys **4** star candles and **2** stripe candles.

How much does she pay **altogether**?

Show your method

2 marks

Special offer
Buy 10 candles and get 50p off.

Josh buys **10** plain candles in the special offer.

How much does he pay for the 10 candles?

£

1 mark

Mark schemes

Q1.

10

[1]

Q2.

47 ÷ **100** = **0.47**

AND

4.07 × **10** = **40.7**

Numbers within calculations may be given in either order.

[1]

Q3.

10

[1]

Q4.

Award **ONE** mark for two correct answers, as shown:

length = **19 cm**

width = **9.1 cm**

[1]

Q5.

The correct number circled as shown:

9,700 907 9,007 970 **9,070**

Accept alternative unambiguous positive indications, e.g. number ticked.

[1]

Q6.

Award **TWO** marks for the sentences completed as shown:

25	÷ 10	=	2.5
7	÷ 100	=	0.07
3.6	× 100	=	360

Award **ONE** mark for any two sentences correct.

[2]

Q7.

Award **TWO** marks for four sentences completed as shown:

36.55	× 10	= 365.5
0.2	÷ 100	= 0.002
7800	÷ 1000	= 7.8
47.3	× 100	= 4730

Award **ONE** mark for any two sentences correct.

[2]

Q8.

(a) £2.97

*Accept £2.97p **OR** £2 97 **OR** 297p **OR** £2 97p **OR** 2.97 **OR** 297*
***Do not accept** £297p **OR** £297 **OR** 2.97p*

1

(b) 10

***No** mark is awarded if any units are shown, eg 10p*

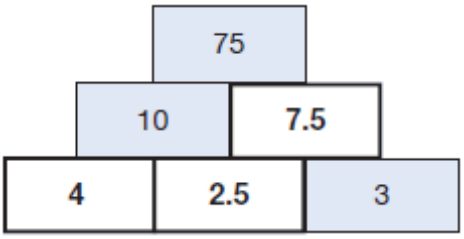
1

[2]

Q9.

Gives the three correct numbers in their correct positions, ie:

•



Accept unambiguous indication
Accept equivalent fractions, eg:

- $7\frac{5}{10}$ *for 7.5*

2

or

Gives two correct numbers in their correct positions

1

[2]

Q10.

Award **TWO** marks for all four values correct as shown:

15 × 100 = 1500

150 × 10 = 1500

1500 ÷ 100 = 150

150 ÷ 10 = 15

If the answer is incorrect, award **ONE** mark for three values correct.

Up to 2

[2]

Q11.

Award **TWO** marks for all three calculations completed correctly, as shown:

5.3 **÷ 10** = 0.53

5.3 **× 1000** = 5300

5.3 **÷ 100** = 0.053

If the answer is incorrect, award **ONE** mark for two calculations correct.

Up to 2

[2]

Q12.

(a) Award **TWO** marks for the correct answer of £4.10 **OR** 410p

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

4 × 60 = 240

2 × 85 = 170

240 + 170 = wrong answer

*Accept for **ONE** mark £410 **OR** £410p as evidence of appropriate working.*

*Calculation must be performed for the award of **ONE** mark.*

Up to 2

(b) £3.00

1

[3]