

Q1.

Write these numbers in order, starting with the smallest.

8.12	1.8	8.118	8.2	1.28
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

smallest

1 mark

Q2.

Write the missing number.

$$12.5 \div \boxed{} = 7.5 \div 1.5$$

1 mark

Q3.

Circle two decimals that have a difference of 0.5

0.2 0.25 0.4 0.45 0.6 0.75

1 mark

Q4.

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

$$0.3 \div \boxed{} = 0.03$$

1 mark

Q5.

Circle the number that is closest to 20

19.95 20.1 19.09 20.09 20.201

1 mark

Q6.

Two decimal numbers add together to equal 1

One of the numbers is 0.007

What is the other number?

1 mark

Q7.

Write these numbers in order, starting with the **smallest**.

0.78

0.607

5.6

0.098

4.003

smallest

1 mark

Q8.

What number is halfway between 1.4 and 2.1?

1 mark

Q9.

Write the missing number.

$$70 \div \boxed{} = 3.5$$

1 mark

Q10.

Circle two numbers that add together to equal **0.25**

0.05

0.23

0.2

0.5

Q11.

Write these numbers in order of size, starting with the **smallest**.

1.9

0.96

1.253

0.328

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smallest

1 mark

Q12.

Write these masses in order, starting with the **lightest**.

1.25 kg

0.99 kg

1.025 kg

0.009 kg

kg	kg	kg	kg
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lightest

1 mark

Q13.

Here are five digit cards.

0	1	2
4	5	

Use each card once to make these calculations correct.

$$0.04 \times \boxed{} \boxed{} = 0.48$$

$$0.7 \times \boxed{} \boxed{} = 28$$

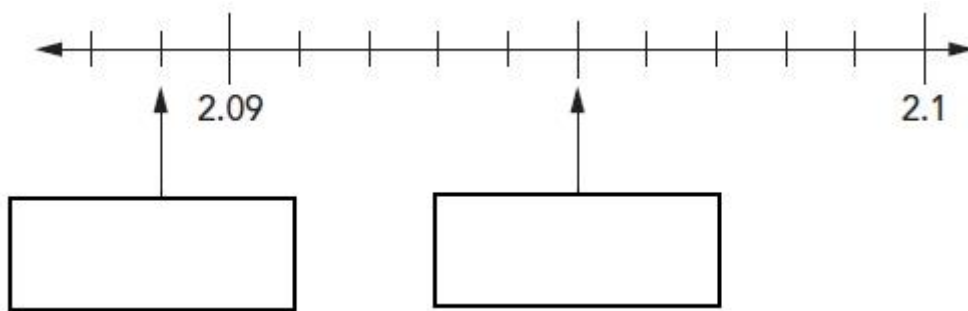
$$0.0 \boxed{} \times 4 = 0.2$$

2 marks

Q14.

This is part of a number line.

Write in the missing numbers.



1 mark

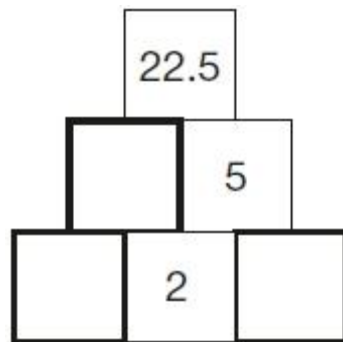
1 mark

Q15.

Here is a number pyramid.

The number in a box is the **product** of the two numbers below it.

Write the missing numbers.



2 marks

Q16.

Look at this number.

23,451.96

Write the **digit** that is in the hundreds place.

1 mark

Write the **digit** that is in the hundredths place.

1 mark

Mark schemes

Q1.

Numbers in order, as shown:

1.28 1.8 8.118 8.12 8.2

[1]

Q2.

2.5

Accept equivalent fractions or decimals

[1]

Q3.

0.2 0.25 0.4 0.45 0.6 0.75

Do not award the mark if additional incorrect numbers are circled.

Accept alternative unambiguous indications, eg numbers ticked, crossed or underlined.

[1]

Q4.

10

[1]

Q5.

Number circled as shown:

19.95

20.1 19.09 20.09 20.201

Accept alternative unambiguous indications, eg number ticked, crossed or underlined.

[1]

Q6.

0.993

[1]

Q7.

Numbers in order, as shown:

0.098	0.607	0.78	4.003	5.6
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[1]

Q8.

1.75

[1]

Q9.

20

[1]

Q10.

Numbers circled as shown:

$\textcircled{0.05}$ 0.23 $\textcircled{0.2}$ 0.5

Accept alternative unambiguous positive indications, e.g. numbers ticked or underlined.

[1]

Q11.

Numbers in order as shown:

0.328	0.96	1.253	1.9
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[1]

Q12.

Masses in correct order, as shown:

0.009kg	0.99kg	1.025kg	1.25kg
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lightest

*All masses must be in the correct order for the award of **ONE** mark.*

*Accept for **ONE** mark the masses written in reverse order **AND** the label **lightest** has been changed to follow suit.*

*Misreads and transcription errors are **not** allowed.*

[1]

Q13.

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

$0.04 \times 12 = 0.48$

$0.7 \times 40 = 28$

$0.05 \times 4 = 0.2$

Award **ONE** mark for any two calculations completed correctly.

[2]

Q14.

2.089 in first box

1

2.095 in second box

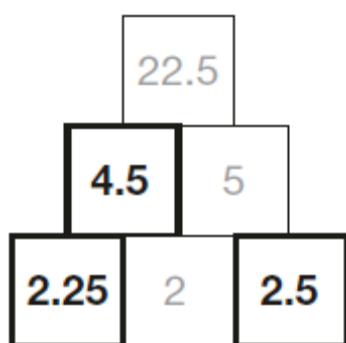
1

Accept equivalent fractions

[2]

Q15.

Award **TWO** marks for three numbers correctly placed.



If the answer is incorrect award **ONE** mark for two numbers correctly placed.

Commentary: This question involves multiplying and dividing decimals where the answer has up to two decimal places (6F9).

Up to 2

[2]

Q16.

(a) 4

Do not accept four OR 400

1

(b) 6

Do not accept six OR $\frac{6}{100}$

1

Commentary: This question assesses place value in whole numbers up to 1,000,000 (5N3a) and in decimals (5F6b).

