Q1.

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

(0.05)   0.23   (0.2)   0.5

$$\begin{array}{r} 0.2 \\ +0.05 \\ \hline 0.25 \end{array}$$

Q2.

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

$\underset{\downarrow}{1.01}$ $\underset{\downarrow}{1.001}$ $\underset{\underset{\downarrow}{biggest}}{}1.101$ $\underset{\underset{\downarrow}{smallest}}{}0.11$

0.11	1.001	1.01	1.101

smallest

Q3.

This is part of a number line.

Write in the missing numbers.

2.091   2.093   2.096   2.098

2.09   2.092   2.094   2.097   2.099 2.1

2.089

2.095
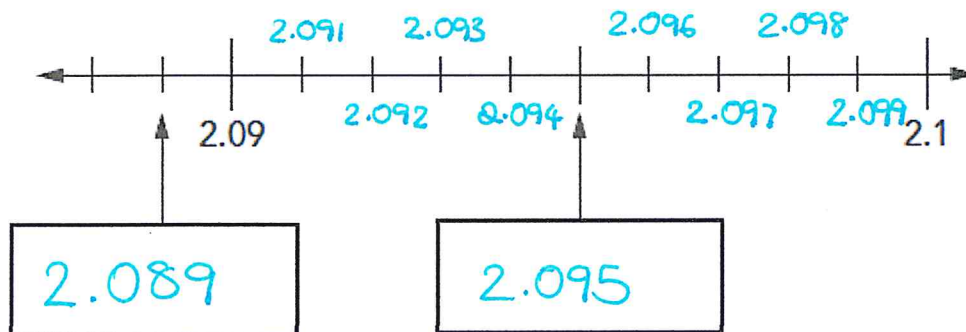
Q4.

Circle the **two** numbers which add up to **1**

0.1 　(0.65)　 0.99 　 0.45 　 (0.35)

1 mark

Q5.

Write the **same** number in each box to make this correct.

[3.5] + [3.5] + [3.5] = 10.5

1 mark

$$\begin{array}{r} 3.5 \\ 3\overline{)10.5} \end{array}$$

Q6.

Calculate 13.6 – 2.8

$$\begin{array}{r} {}^{2}\!\!\!/1\overset{1}{3}.6 \\ -\ \ 2.8 \\ \hline 10.8 \end{array}$$

[10.8]

1 mark

Q7.

Circle two decimals that have a difference of 0.5

0.2 　(0.25)　 0.4 　 0.45 　 0.6 　(0.75)

1 mark

Q8.

Calculate 52.85 + 143.6

$$\begin{array}{r} 143.6 \\ +\ \ 52.85 \\ \hline 196.45 \\ {}_{1} \end{array}$$

[196.45]

1 mark

Q9.

Write in the missing numbers.

Number	Rounded to the nearest **whole** number
5.05	5
5.55	6
4.45	4
4.54	5

2 marks

Q10.

Here is a number line.

0   Y   X   1

0.5
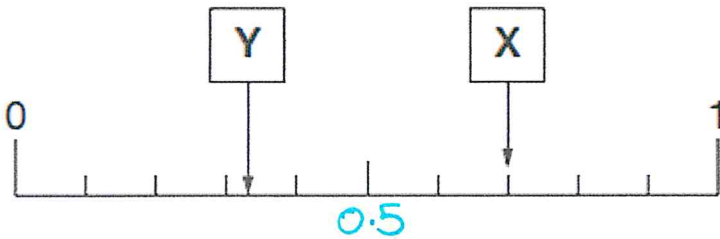
What is the value of **X**?

X = 0·7

1 mark

Estimate the value of **Y**.

Y = 0.33

1 mark

Q11.

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

smallest
↓

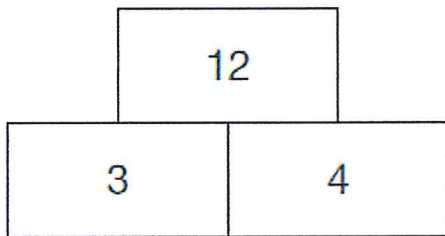0.78   0.6̣07   5.6   ↓ 0.098   4.003

0·098	0·607	0·78	4·003	5·6

smallest

1 mark

Q12.

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

```
        ┌────────┐
        │   12   │
    ┌───┴───┬────┴───┐
    │   3   │    4   │
    └───────┴────────┘
```

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

```
        ┌────────┐
        │   75   │
     ┌──┴────┬───┴────┐
     │  10   │   7·5  │
  ┌──┴───┬───┴───┬────┴──┐
  │  4   │  2·5  │   3   │
  └──────┴───────┴───────┘
```

2.5
3⟌7.ⁱ5

2 marks

Q13.

6.7   6.8   6.9   7   7.1   A↓
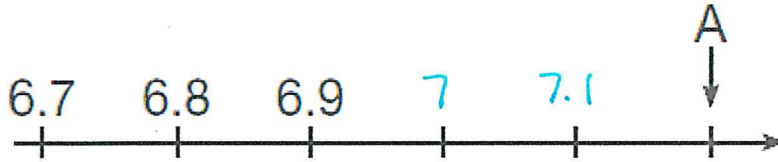
What number is marked at A?

7.2

1 mark

Q14.

Write the missing number.

1.5 x table

+1.5 +1.5 +1.5 +1.5

1.5   3   4.5   6   7.5
            5 x 1.5

$12.5 \div \boxed{2.5} = 7.5 \div 1.5$

⎵ = 5

$\dfrac{2.5}{5\overline{)12.^25}}$
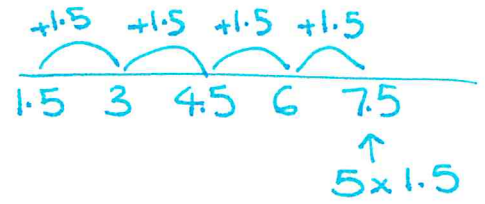
1 mark

Q15.

Write these numbers in order, starting with the smallest.

                                biggest   smallest
                                  ↓   ↓
8.12   1.8   8.118   8.2   1.28

| 1.28 | 1.8 | 8.118 | 8.12 | 8.2 |

smallest

1 mark

Q16.

What number is halfway between 1.4 and 2.1?

1.75
↓
1.5   1.7   1.9

1.4   1.6   1.8   2   2.1
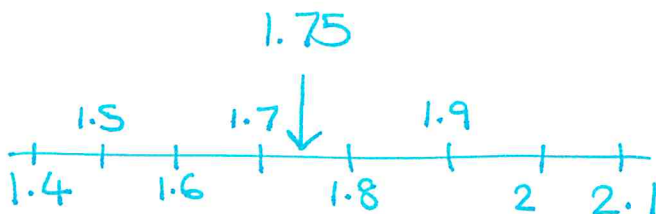
1.75

1 mark

$\begin{array}{r} 1.4 \\ + 2.1 \\ \hline 3.5 \end{array}$

$\dfrac{1.75}{2\overline{)3.^15^10}}$

Q17.

Write in the missing number.

$$\begin{array}{r} 23.2 \\ 10.2 \\ \hline 13.0 \end{array}$$

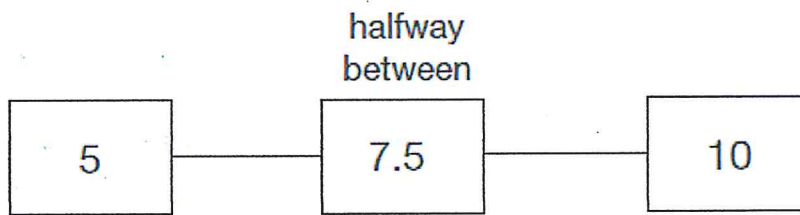$$\begin{array}{r} 14.7 \\ 8.5 \\ \hline 23.2 \\ {}_1\ {}_1 \end{array}$$
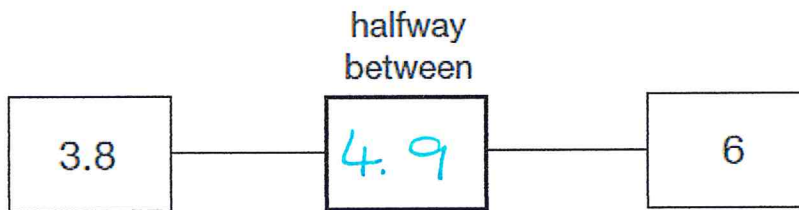
8.5 + 14.7 = 10.2 + | 13 |

1 mark

Q18.

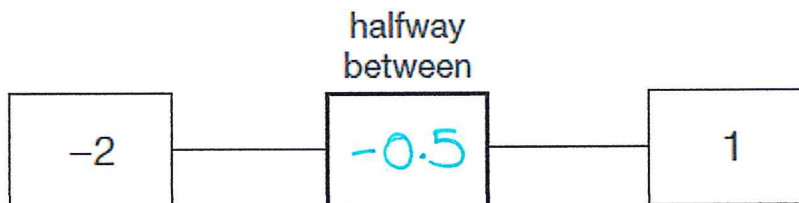The number 7.5 is halfway between 5 and 10

halfway
between

| 5 | — | 7.5 | — | 10 |

Write in the missing numbers.

$$\begin{array}{r} 6 \\ 3.8 \\ \hline 9.8 \end{array}$$

halfway
between

| 3.8 | — | 4.9 | — | 6 |

$$\begin{array}{r} 4.9 \\ 2\overline{)9.^18} \end{array}$$

1 mark

halfway
between

| -2 | — | -0.5 | — | 1 |

1 mark

1
0
-1
-2