Q1.

Here are three symbols.

$$< \qquad > \qquad =$$

Write one symbol in each box to make the statements correct.

$$\frac{7}{10} \boxed{} \; 0.07$$

$$\frac{23}{1000} \boxed{} \; 0.23$$

1 mark

Q2.

Tick the **two** numbers that are equivalent to $\frac{1}{4}$

Tick two.

0.25 $\square$

0.75 $\square$

$\frac{25}{100}$ $\square$

0.5 $\square$

$\frac{2}{5}$ $\square$

1 mark

Q3.

Join each fraction to the correct decimal card.

The first one has been done for you.

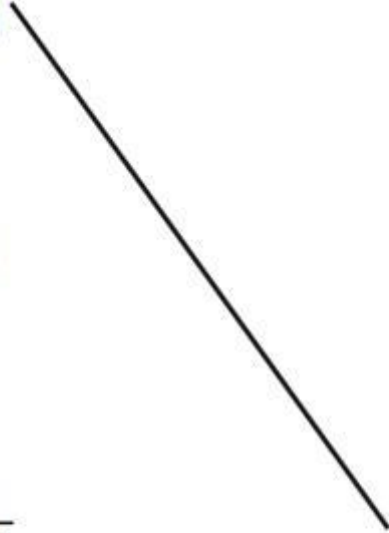$\dfrac{3}{10}$ 0.03

$\dfrac{3}{5}$ 0.06
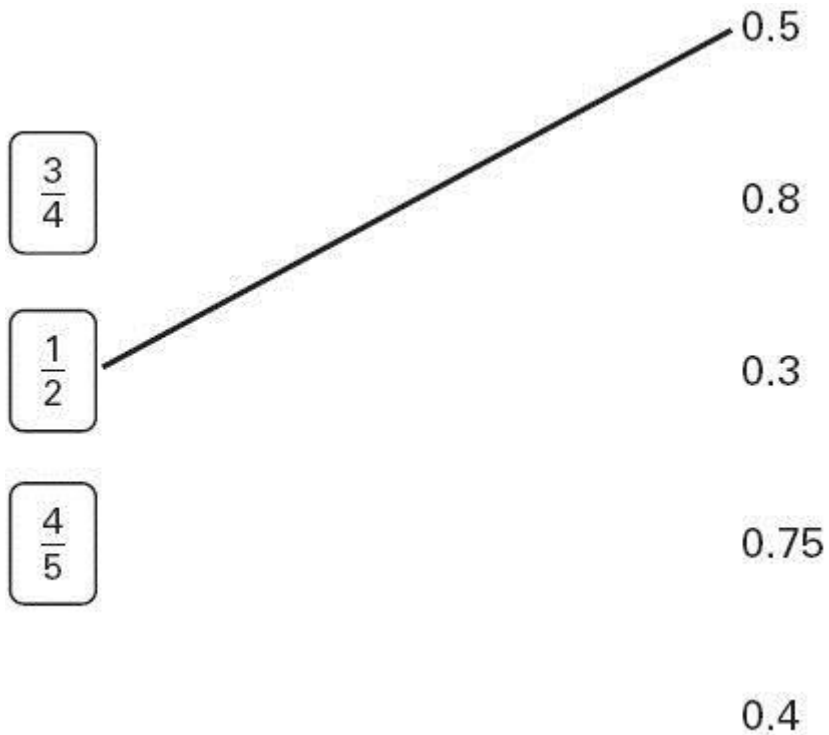
$\dfrac{3}{100}$ 0.3

$\dfrac{3}{50}$ 0.6

1 mark

Q4.

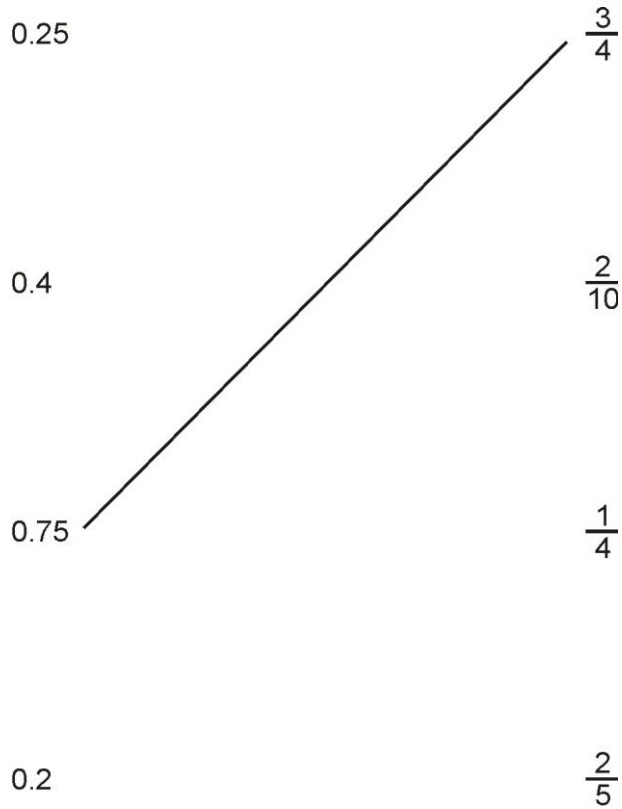Match each box to the number which has the same value.

One has been done for you.

$\frac{3}{4}$ 0.5

    0.8

$\frac{1}{2}$ 0.3

    0.75

$\frac{4}{5}$ 0.4

1 mark

Q5.

Match each decimal number to its equivalent fraction.

One has been done for you.

0.25 $\frac{3}{4}$

0.4 $\frac{2}{10}$

0.75 $\frac{1}{4}$

0.2 $\frac{2}{5}$

1 mark

Q6.

Complete the table.

fraction	decimal
$\frac{67}{100}$	0.67
	0.3
$\frac{7}{10}$	
	0.09
$\frac{93}{100}$	

2 marks

Q7.

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

Q8.

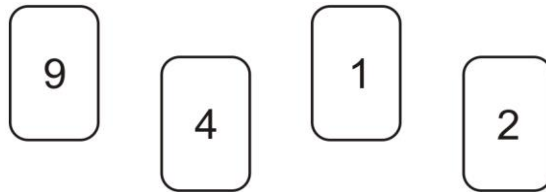Tick all the numbers that are equivalent to $\frac{13}{100}$

0.013

1.3

0.13

0.103

0.130

1 mark

Q9.

Here are four digit cards.

| 9 | 4 | 1 | 2 |

Use each digit card **once** to make the decimal number **nearest to 20**

□□ · □□

1 mark

Q10. Write in the missing numbers.

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

2 marks

Q11. Round these numbers to one decimal place.

One has been done for you.

Number	To nearest one decimal place
12.72	12.7
10.16	
672.09	
24.81	

2 marks

Q12.

In athletics, Holly did the 'Hop, step, jump'.

The length of her 'hop' was 0.86 m

The length of her 'step' was 1.21 m

The length of her 'jump' was 3.78 m

What was the total length of Holly's 'Hop, step, jump' to **one decimal place**?

Circle the correct answer.

5.8 m   5.9 m   6.0 m   6.1 m

1 mark

Q13.

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

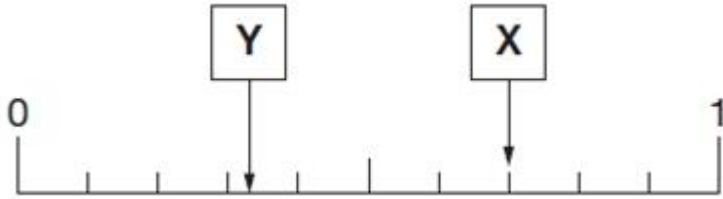1.25 kg   0.99 kg   1.025 kg   0.009 kg

kg	kg	kg	kg

lightest

1 mark

Q14.

Here is a number line.

What is the value of **X**?

X =

1 mark

Estimate the value of **Y**.

Y =

1 mark

Q15.

Circle all the numbers that are **greater than** 0.6

0.5   0.8   0.23   0.09   0.67

1 mark

Q16.

The first two numbers in this sequence are 2.1 and 2.2

The sequence then follows the rule

'*to get the next number, add the two previous numbers*'

Write in the next two numbers in the sequence.

2.1   2.2   4.3   6.5

2 marks

Q17.

Write these numbers in order.

One has been done for you.

3.03   3.23

     3.3

3   3.2

largest

smallest

3

1 mark

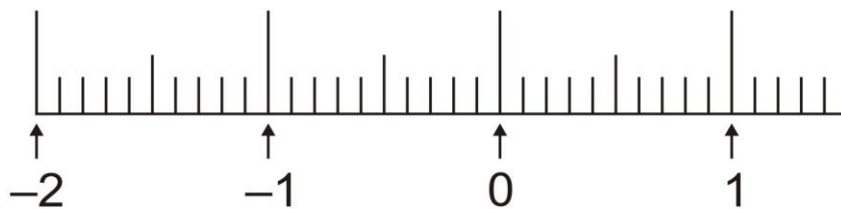**Q18.**

Circle **two** numbers which **add** to make **0.12**

0.1   0.5   0.05   0.7   0.07   0.2

1 mark

Q19.

Mark with arrows the points **–1.5** and **0.45** on the number line.

–2   –1   0   1

2 marks

Q20.

On sports day children get points for how far they jump.

Standing Long Jump		
Over	80cm	1 point
Over	100cm	2 points
Over	120cm	3 points
Over	140cm	4 points
Over	160cm	5 points
Over	180cm	6 points

Joe jumped 138cm.

How many points does he get?

points

1 mark

Sam said, **"I jumped 1.5 metres. I get 4 points".**

Give a reason why Sam is correct.
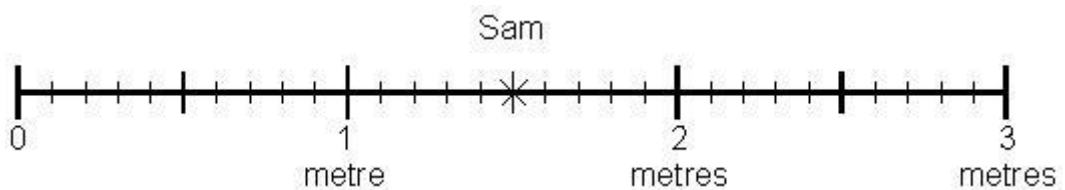
_____

_____

1 mark

Each child puts a cross on a line to show how far they jumped.

Sam puts her cross at 1.5 metres.

Lynn jumps **1.14** metres.
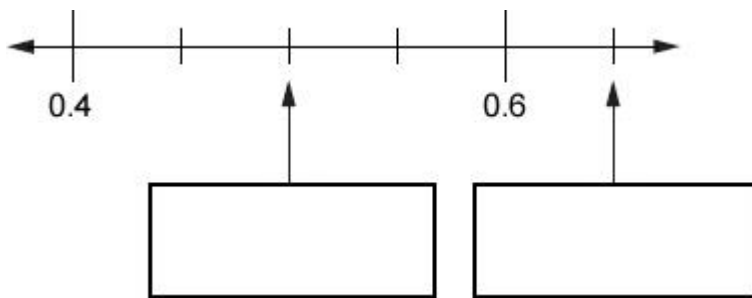
Put a cross on the line for Lynn's jump.

1 mark

Q21.

Here is part of a number line.

Write the numbers shown by the arrows.

2 marks

Q22.

The children at Farmfield School are collecting money for charity.

Their target is to collect £360

So far they have collected £57.73

How much **more** money do they need to reach their target?

£

1 mark

Q23.

potatoes
£1.50 per kg

carrots
£1.80 per kg

Jack buys $1\frac{1}{2}$ kg of potatoes and $\frac{1}{2}$ kg of carrots.

How much **change** does he get from **£5**?

Show your method

£

2 marks

Q24.

Jacob cuts **4** metres of ribbon into **three** pieces.

The length of the first piece is **1.28** metres.

The length of the second piece is **1.65** metres.

Work out the length of the third piece.

Show your method

metres

2 marks

Q25.

The mass of a 10p coin is 6.5 g.

The mass of a 5p coin is half the mass of a 10p coin.

What is the mass of these six coins **altogether**?

Show
your
method

g

2 marks

Q26.

The table shows the cost of coach tickets to different cities.

		Hull	York	Leeds
Adult	single	£12.50	£15.60	£10.25
	return	£23.75	£28.50	£19.30
Child	single	£8.50	£10.80	£8.25
	return	£14.90	£17.90	£14.75

What is the total cost for a **return** journey to York for one adult and two children?
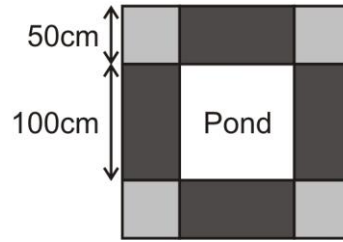
£

1 mark

How much **more** does it cost for two adults to make a **single** journey to Hull than to Leeds?

£

1 mark

Q27. Mr Singh buys paving slabs to go around his pond.

PAVING SLABS

£1.95 each   Square slabs
50cm by 50cm

£3.50 each   Rectangular slabs
100cm by 50cm

50cm

100cm   Pond

He buys 4 rectangular slabs and 4 square slabs.

What is the total cost of the slabs he buys?
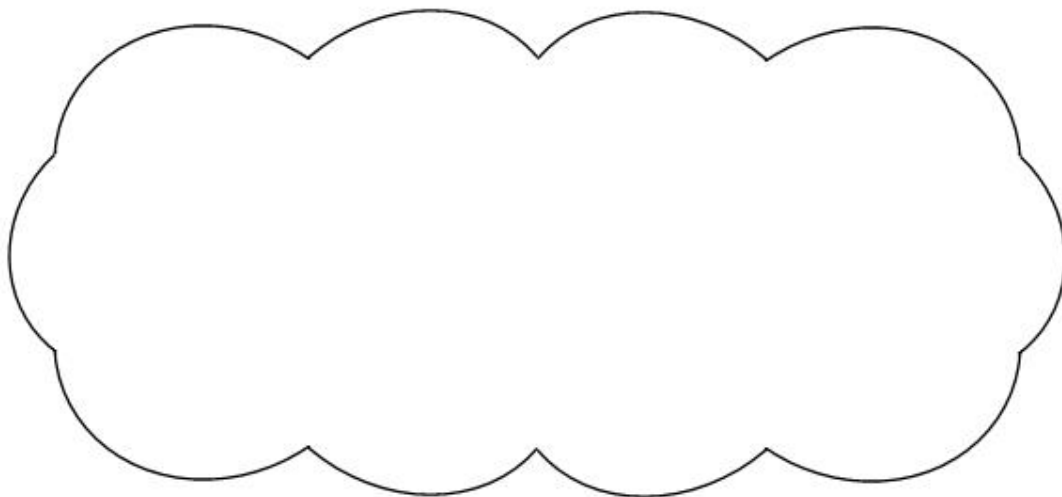
Show your method

£

2 marks

Mr Singh says,

'It would cost more to use square slabs all the way round'.

Explain why he is correct.

1 mark

Q28.

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

	+		+		= 10.5

Q29.

Circle the number that is closest to 20

19.95   20.1   19.09   20.09   20.201

1 mark

Q30.

A shop sells pairs of socks.

knee socks	ankle socks	trainer socks
1 pair for £5.45	**3 pairs** for £7.50	**5 pairs** for £8. 50

Kirsty buys 1 pair of knee socks and 3 pairs of ankle socks.

She pays with a £20 note.

How much change does she get?

Show your method

£

2 marks

Amy spends £25.50 on trainer socks.

How many **pairs** of trainer socks does she get?

pairs

1 mark