

Monday 1st June - rapid reasoning

Q1

a

Write the number three million, two hundred and forty thousand, four hundred and three in digits.

1 mark

b

Write the number 456,802 in words.

1 mark

Q2

Freddie's Fairground has 4,568 visitors on Friday, 10,832 visitors on Saturday and 6,789 visitors on Sunday.

How many visitors did Freddie's Fairground have **altogether** between Friday and Sunday?

1 mark

Q3

Circle the prime numbers below.

1 2 4 15 19 23 242

2 marks

Q1 $\times 10$ $\times 100$ $\div 10$ $\div 100$ $\div 1000$

Choose from the cards above to complete the calculations. You won't need to use them all.

$$4,594 \quad \boxed{} = 45.94$$

$$33,832 \quad \boxed{} = 338,320$$

$$54.3 \quad \boxed{} = 5,430$$

$$432.4 \quad \boxed{} = 43.24$$

2 marks

Q2**a**

Round 4,594 to the nearest 10.

1 mark

Q2**b**

Round 496,843 to the nearest ten thousand.

1 mark

Q3

Day	Visitors to Art Museum	Visitors to Science Museum
Monday	4,594	4,503
Tuesday	8,832	6,842
Wednesday	3,043	9,832

a

On which day(s) did the Art Museum have more visitors than the Science Museum?

1 mark

b

Which museum had the most visitors altogether between Monday and Wednesday?

1 mark

Q1

Complete these number sentences so that they are correct.

$$6,843 \times 100 = \boxed{}$$

$$6,943 \div 1,000 = \boxed{}$$

2 marks

Q2

Evie has these digit cards:



She makes them into a six-digit number.

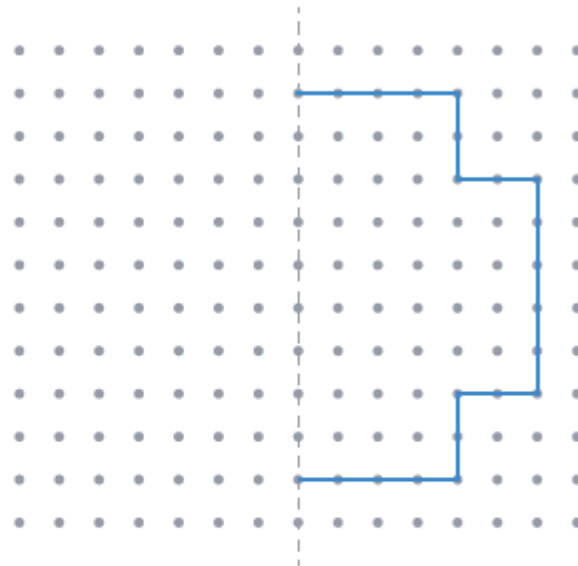
- It is larger than 300,000 but smaller than 400,000.
- It has four tens but no thousands.
- It has twice as many ten thousands and tens.
- The digit in the ones place is smaller than the digit in the tens place.

What number has Evie been thinking of?

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Q3

Complete the drawing so that it has ONE line of symmetry.



1 mark

Q1

Draw lines between the fractions that are equivalent.

$$\frac{3}{4}$$

$$\frac{6}{16}$$

$$\frac{5}{8}$$

$$\frac{5}{12}$$

$$\frac{3}{20}$$

$$\frac{12}{80}$$

$$\frac{12}{32}$$

$$\frac{10}{24}$$

$$\frac{27}{36}$$

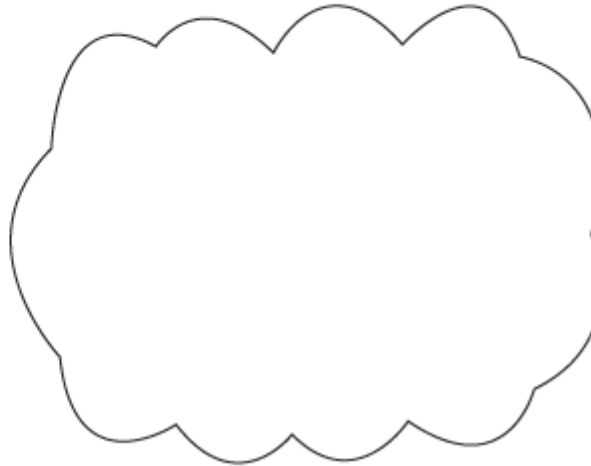
$$\frac{15}{24}$$

2 marks

Q2

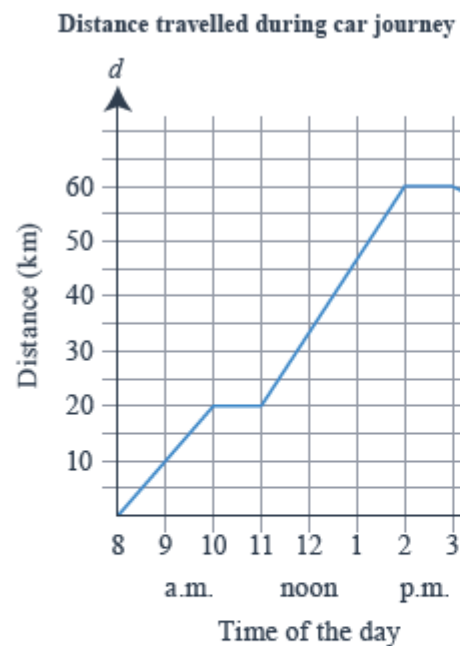
Marley says, “8,849,842 rounded to the nearest thousand is 8,849,000.”

Explain why Marley is incorrect.



1 mark

Q3



a

How far had the car travelled by 1pm?

_____ km

1 mark

b

The car doesn't move during two periods of the day.

Between which two periods of time does the car not move?

_____ to _____
_____ to _____

1 mark