Year 7

Place Value

Name _____

1 Write down a five-digit whole number that has a 4 in the thousands place and 7 in the tens place.

_____

1 mark

Write down the number that is 10,000 more than 9 million.

_____

1 mark

2 Complete the statements using <, > or =

2.5 million ◯ 250 000

0.351 ◯ 0.36

6 hundredths ◯ $\frac{6}{10}$

3 marks

3 The ages of four children are 14, 12, 15, and 17
Work out the range of the ages of the four children.

_____

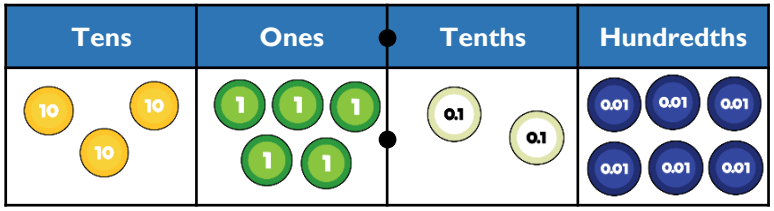
1 mark

Work out the median of the ages of the four children.

_____

1 mark

4 Kai represents a number using place value counters.



What number does Kai represent?

_____

1 mark

Kai says his number rounded to the nearest whole number is 35

Is Kai correct? Give a reason for your answer.

1 mark

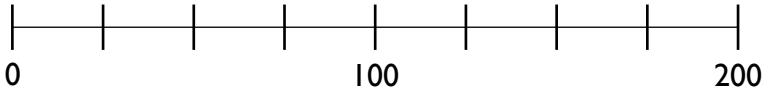
Round Kai's number to one significant figure.

_____

1 mark

5 Draw arrows to the number line to show the position of each of these numbers.

150 75



2 marks

Draw an arrow onto this number line to show the approximate position of 0.35

1 mark

6 Write down the value of the 5 in each of these numbers.

8.154 _____

751 602 _____

1 567 324 896 _____

3 marks

7 Here are five number cards.

5	8	?	3	3

- The **median** of the numbers is 5
- The **range** of the numbers is 5
- There is one missing number.

Write down **one** possible value of the missing number.

_____

1 mark

Explain why the missing number **couldn't** be 9

1 mark

8 Fay thinks that one billion is the same as $10^2 \times 10^7$

H Joe thinks that one billion is the same a $10^3 \times 10^6$

Explain why they are both **correct**.

1 mark

Put these numbers in ascending order

7×10^2 2×10^7 7×10^{-2} 2×10^{-7}

_____

1 mark

Total marks