1.4 Place Value, Ordering and Rounding: 10-minute Pack

Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A classroom has 27 pupils. The teacher records the heights to the nearest centimetre: 142, 148, 143, 141, 149, 146, 144, 147, 145, 143, 142, 148, 144, 146, 145, 143, 142, 147, 146, 144, 143, 142, 145, 148, 144, 146, 143. Work out the mode of the list.

(a) Find the mode of the heights. **(2)**

.....

2 The crowd at a match was 90093 people. Round this number to the nearest 100.

(1)

3 Write these numbers in order, smallest first.
5.83, 5.39, 5.026, 5.024, 5.631

(2)

4 A recipe uses 0.375 litres of milk. Round this amount to 2 decimal places and to the nearest tenth of a litre.

(a) Round 0.375 to 2 decimal places. **(2)**

(b) Round 0.375 to the nearest tenth. **(1)**

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Mark scheme · 1.4 Place Value, Ordering and Rounding: 10-minute Pack

Question 1

(a) tally or count frequencies shown	**M1**
(a) 143 cm cao	**A1**

(a) Answer: **143 cm**

Question 2

90100 cao	**B1**

Answer: **90100**

Question 3

at least three numbers in the correct relative order or all compared to the same number of decimal places	**M1**
5.024, 5.026, 5.39, 5.631, 5.83 cao	**A1**

Answer: **5.024, 5.026, 5.39, 5.631, 5.83**

Question 4

(a) identify hundredths and thousandths and round correctly (0.37 with 5 => round up)	**M1**
(a) 0.38 cao	**A1**

(a) Answer: **0.38**

(b) 0.4 cao	**B1**

(b) Answer: **0.4**

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