

Pages 2 to 4 — Ordering Numbers and Rounding

1) 989 999, 999 999, 1 009 999 (1 mark)

2) C, D, A, B, E (1 mark)

E.g. 1 100 000 (1 mark)

(Allow any number between 1 096 953 and 1 221 425.)

3) 1 224 567, 1 334 567

432 567, 1 234 467

(2 marks if all the correct numbers and no others are circled, otherwise 1 mark if at least two correct numbers are circled)

4)  $37\,952 + 10 < 38\,972 - 10$

$809\,765 + 1000 = 811\,765 - 1000$

$1\,043\,201 - 100 > 943\,201 + 100$

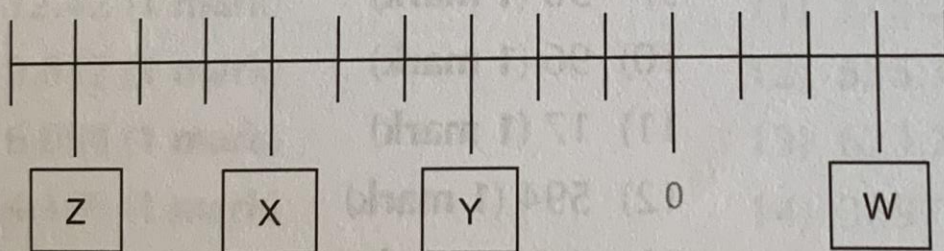
$92\,989 + 10\,000 > 100\,000 - 100$

(2 marks if all the answers are correct, otherwise 1 mark if two or three are correct)

5)  $W = 3, X = -6$

$Y = -3, Z = -9$

(2 marks if all the answers are correct, otherwise 1 mark if two or three are correct)



(1 mark)

6) 380 metres above sea level

$(800 + 40 = 840, 840 \div 2 = 420, -40 + 420)$

(2 marks if the answer is correct. 1 mark if the answer is wrong but they've used a sensible method.)

7)  $0^\circ\text{C}$  (1 mark)

Yes,

E.g. It will only take  $6 \times 5 = 30$  minutes to cool the pie to  $0^\circ\text{C}$  (the same as the pizza), so after an hour it will be at  $-12^\circ\text{C}$  (colder than the pizza).

(1 mark for the correct answer with explanation)