Ordering positive and negative numbers

6 questions | 9 marks

Equivalent correct methods earn the corresponding marks.

1. Which is greater: -7 or -2? [1 mark]

It lies to the right of -7.

Answer: -2.

2. Order 4, -3, 1, -8 and 0 from least to greatest. [2 marks]

Use left-to-right positions.

Answer: -8, -3, 0, 1, 4.

3. Complete -4 __ 2 with $<$ or $>$. [1 mark]

Any negative number is less than any positive number.

Answer: $-4 < 2$.

4. Morning temperatures are -1°C, -5°C and 2°C. Which is coldest? [1 mark]

It is the least temperature.

Answer: -5°C.

5. Write all integers greater than -3 and less than 2. [2 marks]

Do not include the endpoints.

Answer: -2, -1, 0, 1.

6. Explain why $-10 < -1$. [2 marks]

Compare positions, not just digits.

Answer: -10 is further left: ten units below zero rather than one.