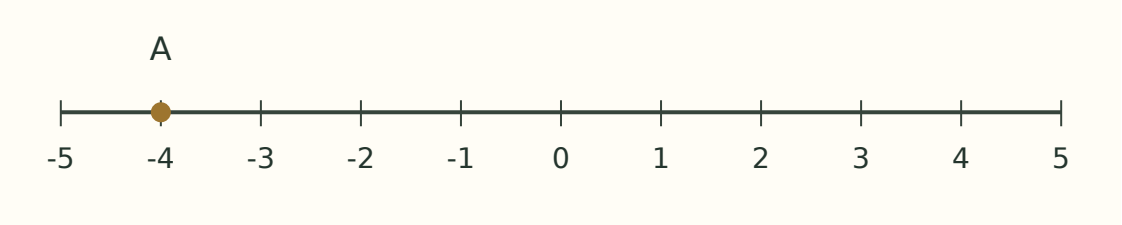
Integers on number lines

6 questions | 9 marks

Equivalent correct methods earn the corresponding marks.

1. Read A on the supplied line. [1 mark]



A is at the tick labelled −4.

Answer: −4.

2. Fill the gaps: −3, −2, __, __, 1. [1 mark]

Increase by 1 each time.

Answer: −1 and 0.

3. Consecutive labels read −8, −4, 0, 4. What is each interval worth? [1 mark]

Neighbouring labels differ by 4.

Answer: 4 units.

4. Start at −5 on a one-unit scale and move four ticks right. Where are you? [2 marks]

The four positions are −4, −3, −2, −1.

Answer: −1.

5. How many units apart are −6 and 2? [2 marks]

Six units to zero and two more.

Answer: 8 units.

6. Mia places −2 halfway between −4 and 4. Explain her error. [2 marks]

Zero is four units from each endpoint; −2 is not equally far from them.

Answer: The halfway position is 0.