

Number Line

Chapter 7: Number Line · Topic 1

Key Concept

On a number line, numbers increase as we move right and decrease as we move left, with zero often in the middle.

A number line can show whole numbers, integers, or even fractions and decimals between whole numbers.

We can use a number line to add or subtract by moving right (for addition) or left (for subtraction).

Number lines help us visually compare numbers and understand concepts like greater than, less than, and equal to.

Quick Revision Notes

- A number line shows numbers in order.
- Numbers increase moving right.
- Numbers decrease moving left.
- Zero is often in the middle.
- Number lines can show integers, fractions or decimals.
- Moving right on a number line means addition.
- Moving left means subtraction.
- Number lines help compare numbers visually.

Practice Questions

- 1 Draw a number line from -10 to 10.
- 2 Show $3+4$ by moving right on a number line.
- 3 Show $7-2$ by moving left on a number line.
- 4 Mark $\frac{3}{4}$ on a number line between 0 and 1.
- 5 Compare two numbers using a number line.
- 6 Discuss why zero is a reference point.