

# Measuring Angles

Chapter 3: Angles as Turns · Topic 2

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## Key Concept

A protractor is a tool with degree markings from 0 to 180, used to measure the size of an angle accurately.

To measure an angle, we place the protractor's centre point on the angle's vertex (corner point), align the base line with one side of the angle, and read the degree where the other side crosses.

Practising with a protractor helps us measure angles in shapes, drawings, and real objects, building accuracy and confidence.

Understanding how to measure angles is an important geometry skill, useful for construction, design, and further maths studies.

## Quick Revision Notes

- A protractor measures angles in degrees.
- Protractors have markings from 0 to 180 degrees.
- We place the centre point on the angle's vertex.
- We align the base line with one side of the angle.
- We read the degree where the other side crosses.
- Practice builds measuring accuracy.
- This is an important geometry skill.
- Angle measurement is useful in construction and design.

## Practice Questions

- 1 Use a protractor to measure an angle in your notebook.
- 2 Draw and measure an acute angle.
- 3 Draw and measure an obtuse angle.
- 4 Measure the angles of a triangle you draw.
- 5 Practice placing a protractor correctly on different angles.
- 6 Measure three angles in objects around you.