

Angles Must-Know Rules

Straight line, point, opposite angles and triangles.

P4 - P6

Measurement & Geometry - Angles

Prep before class. Practise after class. Fix mistakes. Track progress.

Core idea

- Angle questions are rule questions. Name the rule before calculating.

Must-know rules

- Angles on a straight line = 180 degrees
- Angles at a point = 360 degrees
- Vertically opposite angles are equal
- Angles in a triangle = 180 degrees
- Base angles of isosceles triangle are equal

Special shapes

- Rectangle: 4 right angles
- Square: 4 equal sides and 4 right angles
- Parallelogram: opposite angles equal
- Rhombus: all sides equal
- Trapezium: one pair of parallel sides

Teacher Hidayah's steps

- Mark known angles.
- Write the rule used.
- Calculate unknown angle.
- Check if answer is reasonable.

Common mistakes

- Using 360 instead of 180
- Forgetting triangle angle sum
- Not spotting vertically opposite angles
- Calculation error