



Drawing Angles

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Steps to Draw an Angle Using a Protractor

Let's draw a 60° angle step by step.

Step 1: Draw a base line

- Use a ruler to draw a straight line (this will be one arm of the angle).
- Mark a point (A) on the line where the vertex will be.

Step 2: Place the protractor

- Position the center of the protractor at point A.
- Align the base line of the protractor with the drawn line.

Step 3: Find and mark the angle

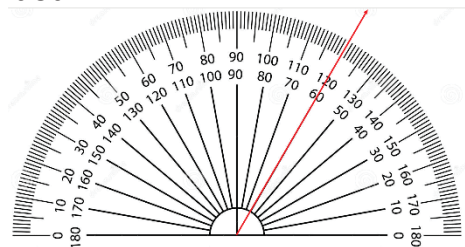
- Look at the inner or outer scale of the protractor.
- Find 60° and put a small dot at that mark.

Step 4: Draw the second arm

- Remove the protractor.
- Use the ruler to connect point A to the marked dot.
- This forms the second arm of the 60° angle.

Step 5: Label the angle

- Mark the angle as $\angle BAC = 60^\circ$.



Examples of Drawing Different Angles

Angle	Steps to Draw	Example
90° (Right Angle)	Follow the same steps, marking at 90° .	The corner of a book is 90° .
45° (Acute Angle)	Mark at 45° using a protractor.	The hands of a clock at 2:30 form a 45° angle.
120° (Obtuse Angle)	Mark at 120° and draw the second arm.	The legs of a wide-open pair of scissors.
180° (Straight Angle)	Mark at 180° and draw a straight line.	A straight road extending in opposite directions.