

# St. Andrews Scots Sr. Sec. School

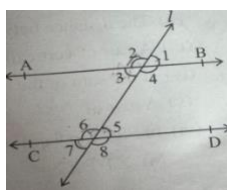
I.P Extension , Patparganj , Delhi – 110092

Session: 2025 - 2026

<b>Class:</b> <b>VII</b>	<b>Subject:</b> <b>Mathematics</b>	<b>Topic:</b> <b>Lines and Angles</b>	<b>Worksheet-18</b>
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Q1. Define a right angle and give an example from daily life.

Q2.



in figure  $AB \parallel CD$  and  $l$  is transversal line. If angle 1 is  $55^\circ$ , then find all the other angles.

Q3. What are complementary angles? Give one example.

Q4. Name the different types of angles based on their measurements.

Q5. One angle is  $30^\circ$  more than its complement. Find both angles. Show all steps.

Q6. What is the difference between a ray and a line segment in terms of end points.

Q7. Describe how you recognize complementary and supplementary angles in a diagram.

Q8. Find the degree measure of an angle which is equal to its supplement.

Q9. Find the degree measure of an angle which is  $\frac{4}{5}$  of its supplement.

Q10. . If two parallel lines are cut by a transversal, what type of angle are

a) Alternate interior angles.

b) Corresponding angles.

Write their relationship