

St. Andrews Scots School

Adjacent Navniti Apartment

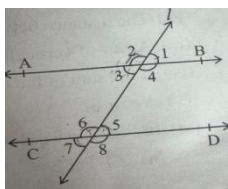
I.P Extension , Patparganj , Delhi – 110092

Session: 2025 - 2026

Class: VII	Subject: Mathematics	Topic: Lines and Angles	Worksheet-18
-----------------------------	---------------------------------------	--	---------------------

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° , 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° 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