St. Andrews Scots Sr. Sec. School

I.P Extension , Patparganj , Delhi – 110092

Session 2025-2026

Class: VII	Subject: Mathematics	Topic: Lines and angles	Worksheet- 17

Q1. If each angle of triangle is 60^0 then the triangle is a/an

   a) scalene triangle   b) isosceles triangle   c) obtuse angle triangle

d) equilateral triangle

Q2. A triangle with three unequal side is:

   a) scalene triangle   b) isosceles triangle   c) obtuse angle triangle

d) equilateral triangle

Q3. Which of the following is an example of parallel lines

   a) Adjacent edge of a door b) the line segment forming the letter X

   b) Railway tracks   d) electric pole on the road.

Q4. The sum of angles of a linear pair is:

   a) 90^0 b) 120^0 c) 180^0 d) 360^0

Q5. When two lines intersect how many angles are formed?

   a) 2   b) 3   c) 4 d) 6

Q6. If one vertically opposite angle is 35 degree then the other angle is
a) 35^0 b) 55^0 c) 65^0 d) 145^0

Q7The sum of angles on a straight line is

   a) 90^0 b) 120^0 c) 180^0 d) 360^0

Q8. Vertically opposite angles are always

   a) Unequal   b) supplementary c) equal   d) Complementary

Q9. Adjacent angles forming a straight line are called
  a) vertically opposite angles   b) linear pair

  c) corresponding angles   d) alternate angles.

Q10. Two parallel lines are cut by a transversal. Which angle are equal?
a) linear pair   b) adjacent angles

c) corresponding angles   d) supplementary angles