



ASSIGNMENT-4



Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. A line extends indefinitely in directions.
2. Two lines that meet at a common point are called lines.
3. A reflex angle is greater than degrees but less than degrees.
4. The sum of a reflex angle and a straight angle is always than a complete angle.
5. An angle formed by two opposite rays is called a angle.

B. Label True or False.

1. Two parallel lines can pass through a common point.
2. Given two distinct points, only one ray can be drawn starting from one point and passing through the other.
3. At 10:15, the angle between the hour and minute hands of a wristwatch is smaller than that of a big clock.
4. The sum of two acute angles is greater than a reflex angle.
5. Two reflex angles can never form a pair of vertically opposite angles.

C. Match the following.

Column I	Column II
1. Sum of an obtuse angle and an acute angle is less than	(a) 360°
2. Sum of two right angles	(b) 270°
3. Sum of two acute angles	(c) 180°
4. Difference between a straight angle and a right angle	(d) Less than 180°
5. 1 revolution is equal to	(e) 90°

D. Do as directed.

1. Rohan's clock stopped working exactly at 3 o'clock. To reset it, he moves the hour hand forward until it reaches 11 o'clock. What fraction of a complete clockwise revolution does the hour hand turn through during this adjustment?
2. Riya is playing a direction challenge with her friends. She follows these two steps:
 - (i) She starts facing South and turns clockwise by 135° .
 - (ii) Then, from her new direction, she turns anti-clockwise by 225° .
 - (a) In which direction is Riya facing at the end?
 - (b) What is the total number of right angles she turns after step (i)?