

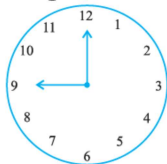
CBSE Worksheet-19
CLASS – VI Mathematics (Understanding Elementary Shapes)

Choose correct option in questions 1 to 5.

1. How many degrees are there in half a revolution?
 - a. 180
 - b. 90
 - c. 270
 - d. 360
2. How many degrees are there in one right angle?
 - a. 180
 - b. 90
 - c. 270
 - d. 360
3. How many right angles make 180° ?
 - a. 4
 - b. 3
 - c. 2
 - d. 1
4. How many right angles make 360° ?
 - a. 1
 - b. 2
 - c. 3
 - d. 4
5. Which of the following are models for perpendicular lines?
 - a. The adjacent edges of a table top.
 - b. The lines of a railway track.
 - c. The line segments forming the letter 'L'.
 - d. The letter V.

Fill in the blanks:

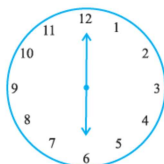
6. An angle whose measure is the sum of the measures of two right angles is _____.
7. An angle whose measure is greater than that of a right angle is _____.
8. When the sum of the measures of two angles is that of a right angle, then each one of them is _____.
9. When two lines intersect and the angle between them is a right angle, then the lines are said to be _____.
10. Write down the measures of
 - a. some acute angles.
 - b. some obtuse angles.
11. Find the angle measure between the hands of the clock in each figure:



a.

9.00 a.m.

b.



6.00 p.m.

12. Describe the types of triangles on the basis of sides.

Answer key:

1. a
2. b
3. c
4. d
5. c
6. straight angle
7. obtuse angle
8. complementary angles
9. perpendicular

10. a. 60, 75
b. 95, 110
(Answer may vary)

11. a. 90
b. 180

12. Scalene triangle: A triangle having all three unequal sides is called a Scalene Triangle.
Isosceles triangle: A triangle having two equal sides is called an Isosceles Triangle.
Equilateral triangle: A triangle having three equal sides is called an Equilateral Triangle.