

OBJECTIVE TYPE QUESTIONS

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Mark the correct alternative in each of the following:

The vertex of an angles lies
 (a) in its interior
 (b) in its exterior
 (c) on the angle
 (d) inside the angle
 Solution:

The option (c) is the correct answer. The vertex of an angles lies on the angle.

2. The figure formed by two rays with the same initial point is known as

(a) a ray
(b) a line
(c) an angle
(d) a line segment
Solution:

The option (c) is the correct answer. The figure formed by two rays with the same initial point is known as an angle.

3. An angle of measure 0° is called
(a) a complete angle
(b) a right angle
(c) a straight angle
(d) None of these
Solution:

The option (d) is the correct answer. An angle of measure 0° is called a zero angle.

4. An angle of measure 90° is called
(a) a complete angle
(b) a right angle
(c) a straight angle
(d) a reflex angle
Solution:

The option (b) is the correct answer. An angle of measure 90° is called a right angle.

5. An angle of measure 180° is called
(a) a zero angle
(b) a right angle
(c) a straight angle
(d) a reflex angle
Solution:

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The option (c) is the correct answer. An angle of measure 180° is called a straight angle.

6. An angle of measure 360° is called

(a) a zero angle(b) a straight angle(c) a reflex angle(d) a complete angleSolution:

The option (d) is the correct answer. An angle of measure 360° is called a complete angle.

7. An angle of measure 240° is
(a) an acute angle
(b) an obtuse angle
(c) a straight angle
(d) a complete angle
Solution:

There is no correct answer. An angle of measure 240° is called a reflex angle.

8. A reflex angle measures
(a) more than 90° but less than 180°
(b) more than 180° but less than 270°
(c) more than 180° but less than 360°
(d) None of these
Solution:

The option (c) is the correct answer. A reflex angle measures more than 180° but less than 360°.

9. The number of degrees in 2 right angle is

(a) 90°
(b) 180°
(c) 270°
(d) 360°
Solution:

The option (b) is the correct answer. The number of degrees in 2 right angle is 180°.

10. The number of degrees in 3/2 right angles is

- (a) 180°
- (b) 360° (c) 270°
- (c) 270 (d) 90°
- Solution:



There is no correct answer. One right angle = 90° So 3/2 right angles = 3/2 (90°) = 135°

11. If a bicycle wheel has 36 spokes, then the angle between a pair of adjacent spokes is

(a) 10° (b) 15° (c) 20° (d) 12° Solution:

The option (a) is the correct answer.

The central angle of a bicycle wheel measures 360°

The angle between a pair of adjacent spokes of the wheel which has 36 spokes = $360/36 = 10^{\circ}$

