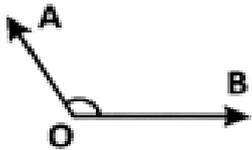




Worksheet: Understanding Elementary Shapes (Solution)

Q1: What type of an angle is $\angle AOB$?



- a) An acute angle
- b) **Obtuse angle**
- c) Reflex Angle
- d) Right Angle

Q2: In $\angle RST$, what is the vertex ?

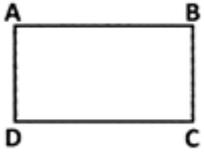
- a) **S**
- b) R
- c) T
- d) OP

Q3: How many pairs of parallel lines are there in the given figure?



- a) 1
- b) **2**
- c) 3
- d) 4

Q4: How many right angles are formed in the given figure?



- a) 2
- b) 3
- c) 4
- d) None of these

Q5: Which of the following statement(s) is/are true?

- a) A parallelogram in which two adjacent angles are equal is a rectangle.
- b) A quadrilateral in which both pairs of opposite angles are equal is a parallelogram.
- c) In a parallelogram the number of acute angles is two.
- d) All the above.

Q6: How many right angles do you make if you start facing north and turn clockwise to south?

- a) 2
- b) 1
- c) 4
- d) 3

Q7: A triangle having two equal sides is called?

- a) a scalene triangle
- b) an isosceles triangle
- c) an equilateral triangle
- d) a right angled triangle.

Q8: Which of the following statement is true?

- a) The opposite sides of a trapezium are parallel.
- b) All the sides of a parallelogram are of equal in length.
- c) The diagonals of a square are perpendicular to each other.
- d) All the angles of a rectangle are not equal.

Q9: A Quadrilateral whose all sides are equal and each angle is equal to 90 degrees is called?

- a) Square
- b) Rhombus
- c) Rectangle
- d) Both a and b

Q10: An Angle formed by two opposite rays is called?

- a) Right angle
- b) Zero Angle
- c) Complete Angle
- d) **Straight Angle**

Q11: Triangle having the angles 40° , 30° , 110° is called:

- a) Acute Angled Triangle
- b) **Obtuse Angled Triangle**
- c) Right Angled Triangle
- d) None of these

Q12: What is the measure of all the angles of an equilateral triangle?

- a) 90° , 45° , 45° .
- b) 45° , 45° , 45° .
- c) **60° , 60° , 60° .**
- d) Can be of any measure.

Q13: Martin drew a triangle. Its sides were 3cm, 4cm, 5cm. It has one right angle and two acute angles. Complete the sentence to describe the triangle Martin drew.

- a) Martin's triangle is Scalene Triangle and acute angled triangle.
- b) Martin's triangle is Isosceles Triangle and acute angled triangle.
- c) Martin's triangle is Isosceles Triangle and Right angled triangle.
- d) **Martin's triangle is Scalene Triangle and Right angled triangle.**

Q14: The Sum of All of the Angles for a Quadrilateral Equals :

- a) 180 degrees
- b) 270 degrees
- c) **360 degrees**
- d) 90 degrees

Q15: Which of the following quadrilaterals has one pair of opposite sides parallel?

- a) rhombus
- b) **trapezium**
- c) kite
- d) rectangle.