



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra and Geometry

Class: 7

Date: 18.06.20

Duration: 40 min

Worksheet Solution 35

Full Marks: 15

GRAPHS

Choose the Correct options:

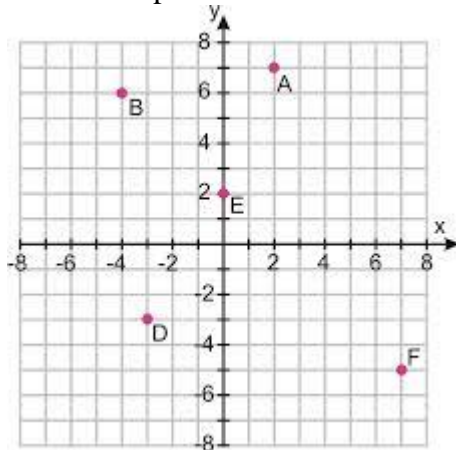
1. The point at which the X and Y axis intersect on the coordinate plane is called _____.

- (a) Graph
- (b) Axis
- (c) Quadrant
- (d) **Origin**

2. A set of two real numbers that locate a point on a plane is called _____.

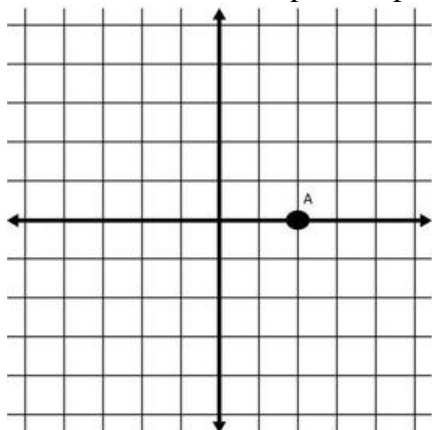
- (a) Origin
- (b) Coordinate Plane
- (c) **Ordered Pair**
- (d) Graph

3. Where is point E located?



- (a) (2, 0)
- (b) (2 , 2)
- (c) (**0 , 2**)
- (d) (0 , 0)

4. What is the ordered pair for point A?



- (a) **(2, 0)**
- (b) (0 , 2)
- (c) (0, -2)
- (d) (-2,0)

5. The coordinate plane is divided by a horizontal number line called what?

- (a) y-axis
- (b) origin
- (c) **x-axis**
- (d) quadrant

6. The vertical number line in the coordinate plane is called what?

- (a) **y-axis**
- (b) origin
- (c) quadrant
- (d) x-axis

7. Which letter represents the first number in an ordered pair?

- (a) **X**
- (b) Y
- (c) T
- (d) G

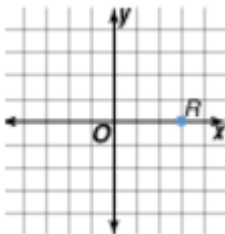
8. Which number represents the second number in an ordered pair?

- (a) X
- (b) **Y**
- (c) T
- (d) G

9. The coordinates for the origin in the coordinate plane are_____?

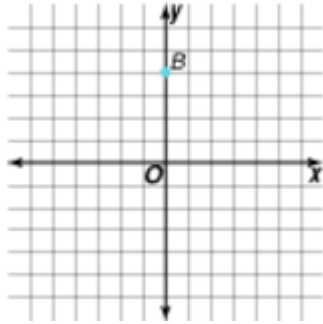
- (a) (1,1)
- (b) **(0,0)**
- (c) (0,1)
- (d) (1,0)

10. Name the ordered pair for the point R



- (a) (-3, 0)
- (b) (0, 3)
- (c) (0,0)
- (d) **(3,0)**

11. Name the ordered pair for the point B



- (a) $(-4, 0)$
 - (b) $(0, 4)$**
 - (c) $(4, 0)$
 - (d) $(0, 0)$
12. The X co-ordinate is also called?
- (a) Quadrants
 - (b) ordinate
 - (c) ordered pair
 - (d) abscissa**
13. The Y co-ordinate is also called
- (a) Quadrants
 - (b) ordinate**
 - (c) ordered pair
 - (d) abscissa
14. How do you write an ordered pair?
- (a) (X, X)
 - (b) (Y, X)
 - (c) (X, Y)**
 - (d) (Y, Y)
15. In the ordered pair $(4, 9)$, which number is the y-coordinate?
- (a) 4
 - (b) 9**
 - (c) neither
 - (d) both