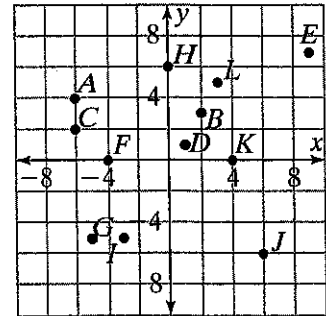


Practice 11-8

Graphing in the Coordinate Plane

Name the point with the given coordinates in the coordinate plane at the right.

1. $(2, 3)$ _____ 2. $(-4, 0)$ _____
 3. $(-3, -5)$ _____ 4. $(0, 6)$ _____

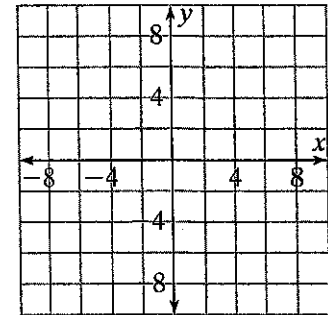


Find the coordinates of each point at the right.

5. J _____ 6. E _____
 7. D _____ 8. A _____
 9. G _____ 10. C _____

Graph each point on the coordinate plane at the right.

11. $A(8, -4)$ 12. $B(-4, 8)$
 13. $C(4, 8)$ 14. $D(-8, -4)$
 15. $E(8, 4)$ 16. $F(-4, -8)$

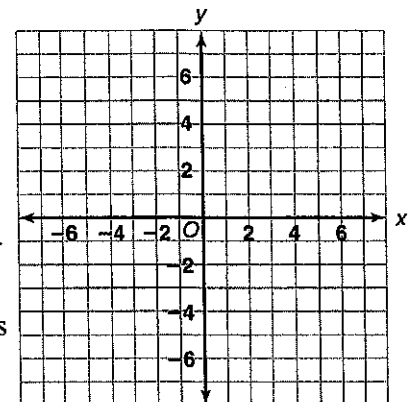


17. A taxi begins at $(4, -3)$. It travels 3 blocks west and 5 blocks north to pick up a customer. What are the customer's coordinates?
- _____

18. A moving truck fills up a shipment at an old address, at $(-2, 1)$. It travels 7 blocks south and 6 blocks east to the new address. What is the location of the new address?
- _____

Use the coordinate plane at the right.

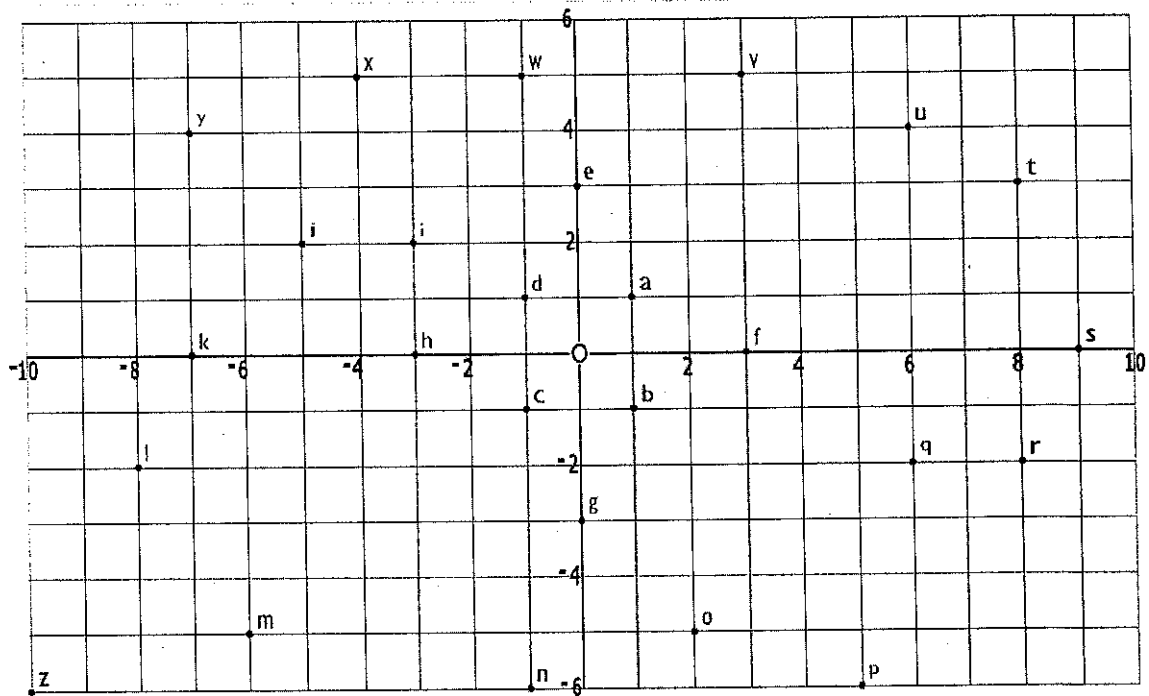
19. Graph four points on the coordinate plane so that when the points are connected in order, the shape is a rectangle. List the coordinates of the points.
- _____
20. Graph four points on the coordinate plane so that when the points are connected in order, the shape is a parallelogram that is not a rectangle. List the coordinates of the points.
- _____



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Coordinates in all four quadrants



Write down the letter given by each pair of coordinates.

Unscramble the letters to make a maths word.

1. (1, 1) (9, 0) (0, 3) (-3, 0) (5, -6)

.....

.....

2. (-3, 2) (0, 3) (3, 0) (3, 5)

.....

.....

3. (6, 4) (-6, -5) (9, 0)

.....

.....

4. (-1, 1) (0, 3) (-1, 1) (-3, 2) (3, 5) (-3, 2)

.....

.....

5. (-8, -2) (6, 4) (0, 3) (6, -2) (1, 1)

.....

.....

Now make up three maths words of your own and write down the coordinates