

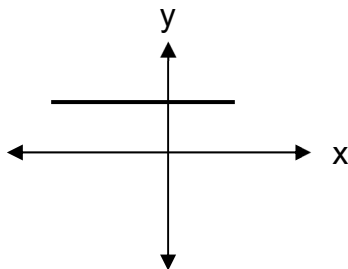
Quadrants of the coordinate plane

Grade 5 Geometry Worksheet

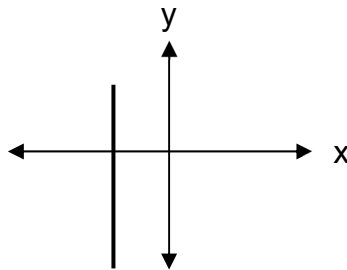
Circle the right answer.

1. Which of the following lines represent $y = -5$?

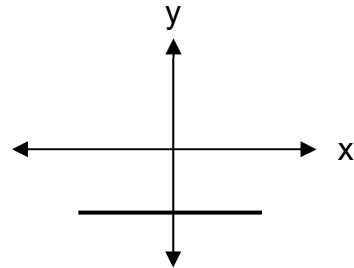
a.



b.

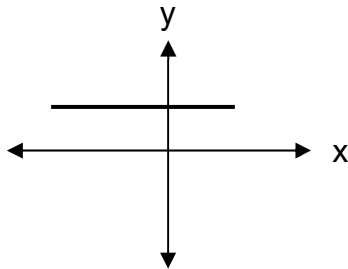


c.

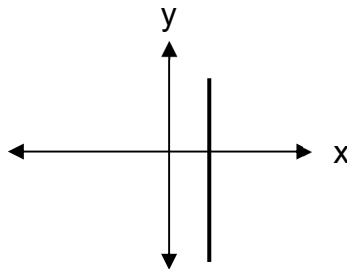


2. Which of the following lines represent $x = 2$?

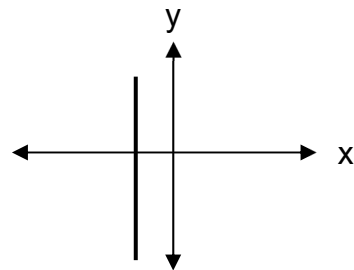
a.



b.

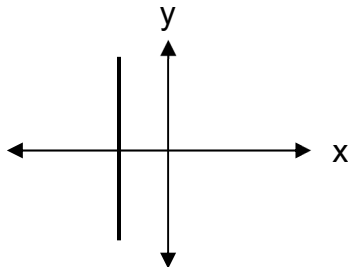


c.

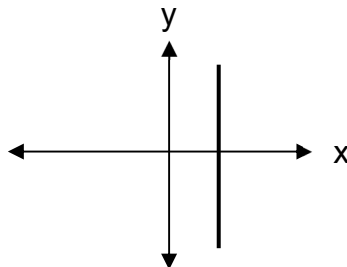


3. Which of the following lines represent $x = -3$?

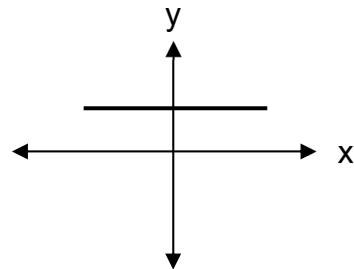
a.



b.

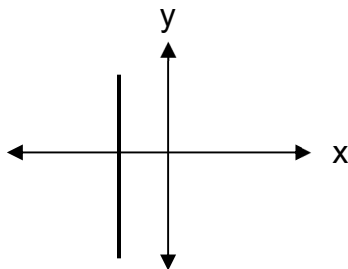


c.

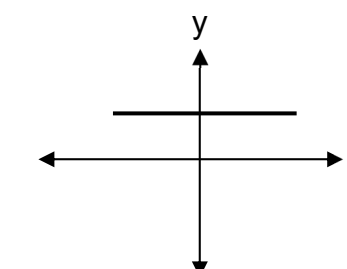


4. Which of the following lines represent $y = 4$?

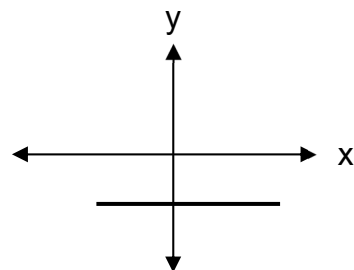
a.



b.



c.



5. If the y-coordinate of a point is 9, the point might be in
 - a. quadrant I only
 - b. quadrant I or quadrant II
 - c. quadrant II only

6. If the x-coordinate of a point is -3, the point might be in
 - a. quadrant II only
 - b. quadrant II or quadrant III
 - c. quadrant II or quadrant IV

7. If the y-coordinate of a point is -7, the point might be in
 - a. quadrant I or quadrant II
 - b. quadrant I or quadrant III
 - c. quadrant III or quadrant IV

8. If the x-coordinate of a point is 2, the point might be in
 - a. quadrant I or quadrant II
 - b. quadrant II or quadrant III
 - c. quadrant I or quadrant IV

9. A horizontal line on a coordinate plane
 - a. contains points with the same value for x-coordinate.
 - b. contains points with the same value for y-coordinate.
 - c. does not contain any points.

10. A vertical line on a coordinate plane
 - a. contains points with the same value for x-coordinate.
 - b. contains points with the same value for y-coordinate.
 - c. does not contain any points.

Answers

1. c
2. b
3. a
4. b
5. b
6. b
7. c
8. c
9. b
10. a