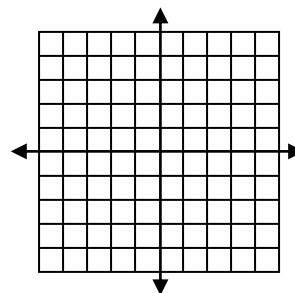


Coordinate Plane 1

Long-Term Memory Review – Grade 6 Review 1

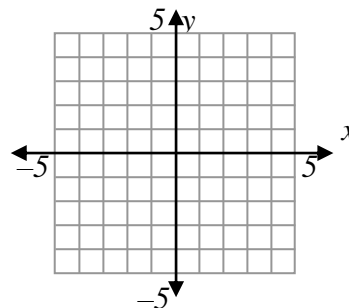
1. Label the **x-axis**, **y-axis**, and the **origin** on the graph below.



2. The sign of the coordinate tells the direction to move from the origin. Tell which way to move in each of these examples.
- A positive x -coordinate means go _____.
 - A negative x -coordinate means go _____.
 - A positive y -coordinate means go _____.
 - A negative y -coordinate means go _____.

- 3) Plot these points on the coordinate grid below:

- Plot point A at $(-4, -2)$
- Plot point B at $(-4, 2)$
- Plot point C at $(4, -2)$
- Plot point D at $(4, 2)$

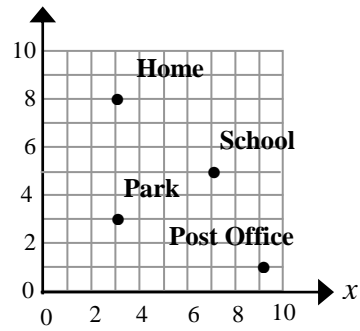


Coordinate Plane 1

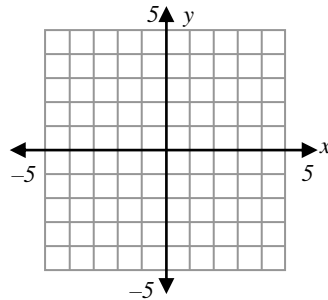
Long-Term Memory Review – Grade 6 Review 2

1. What is the location of the Post Office?

2. Which site would you be closest to if you were standing at $(2, 8)$?
 - A) Home
 - B) School
 - C) Park
 - D) Post Office



3. On the graph, label **Quadrant I**, **Quadrant II**, **Quadrant III**, and **Quadrant IV**.

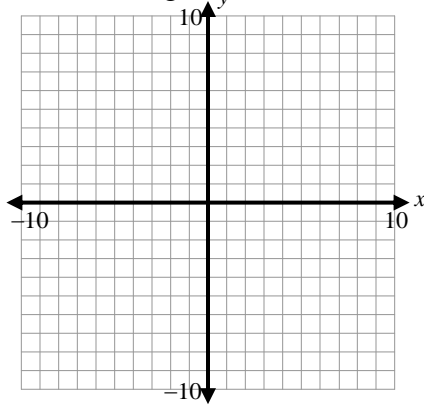


Coordinate Plane 1

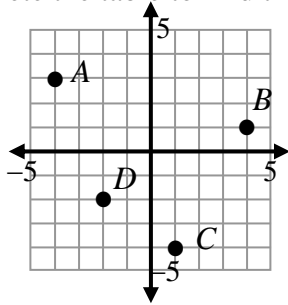
Long-Term Memory Review – Grade 6 Review 3

1. Plot these points on the coordinate grid.

| x | y |
|-----|-----|
| 0 | 5 |
| -3 | 2 |
| 2 | -3 |
| 5 | 0 |



2. Complete the table to find the coordinates of each point.



| | x | y |
|---------|-----|-----|
| Point A | | |
| Point B | | |
| Point C | | |
| Point D | | |

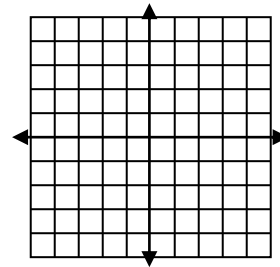
3. In what quadrant would the point $(-4, -5)$ be?

- A) Quadrant I
- B) Quadrant II
- C) Quadrant III
- D) Quadrant IV

Coordinate Plane 1

Long-Term Memory Review – Grade 6 Review 4

1. Label the x -axis, y -axis, and origin on the coordinate grid to the right.



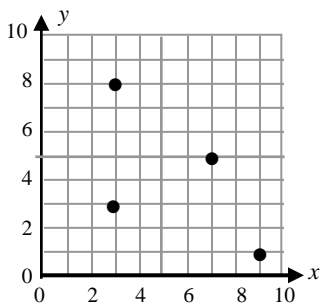
2. Starting at the origin, explain which way to move on the x -axis and y -axis to graph the Point $(-7, 2)$.
3. Use the rule $y = \frac{x}{2}$ to create a table of four ordered pairs.
4. Graph the points found in number 3 on the coordinate grid used in question 1.
5. In how many quadrants do the x -coordinate and the y -coordinate have the same sign? What quadrants are they?

Coordinate Plane 1

Long-Term Memory Review – Grade 6

Quiz

Use the coordinate grid below for #1 and #2



1. Which letter is located at point (3, 8)?
 - A) *A*
 - B) *B*
 - C) *C*
 - D) *D*

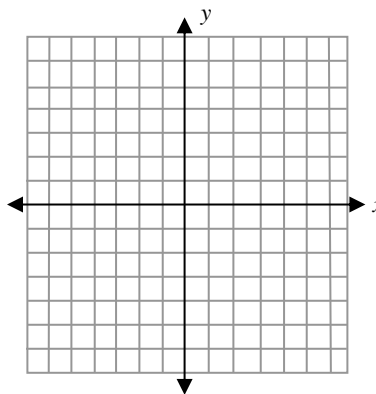
2. What is the ordered pair for the location of point *D*?

3. In how many quadrants do the *x*-coordinate and the *y*-coordinate have different signs? What quadrants are they?

4. What is the ordered pair that labels the origin on a coordinate plane?

5. Use this rule, $y = 3x + 6$, to create a chart of four points and plot them on the graph.

| <i>x</i> | <i>y</i> |
|----------|----------|
| | |
| | |
| | |
| | |

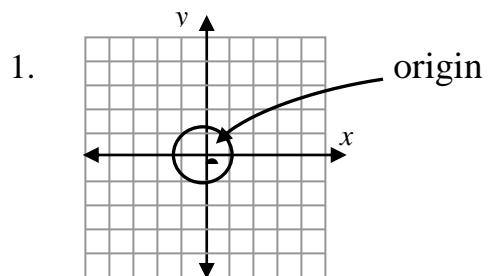


Coordinate Plane 1

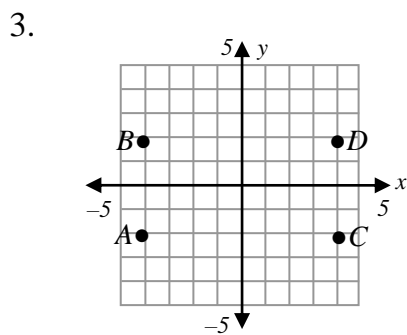
Long-Term Memory Review – Grade 6

ANSWERS

Review 1 Answers

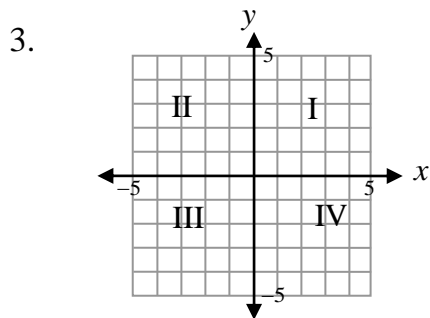


2. a) right
b) left
c) up
d) down



Review 2 Answers

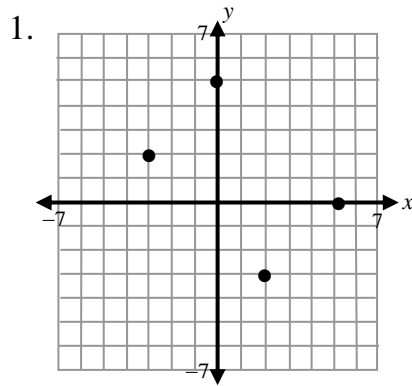
1. (9, 1)
2. A) Home



Coordinate Plane 1

Long-Term Memory Review – Grade 6

Review 3 Answers

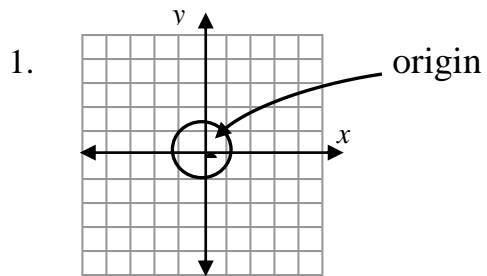


2.

| | x | y |
|---------|-----|-----|
| Point A | -4 | 3 |
| Point B | 4 | 1 |
| Point C | 1 | -4 |
| Point D | -2 | -2 |

3. c) Quadrant III

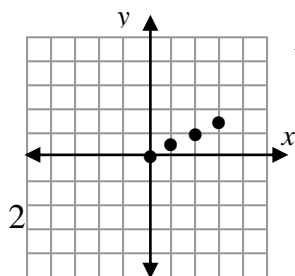
Review 4 Answers



2. 7 left, 2 up

3. Answers may vary. $(0, 0)$, $(1, \frac{1}{2})$, $(2, 1)$, $(3, \frac{3}{2})$

4. Answers may vary.



5. In quadrants I and III

Coordinate Plane 1

Long-Term Memory Review – Grade 6

Quiz Answers

1. B) *B*
2. (9, 1)
3. 2; II & IV
4. (0, 0)
5. Answers may vary. (-2, 0), (-1, 3), (0, 6), (1, 9)

