GED Math Worksheet: Coordinate Plane and Linear Equations (Multiple Choice)

Directions: Choose the correct answer (A–D) for each problem.

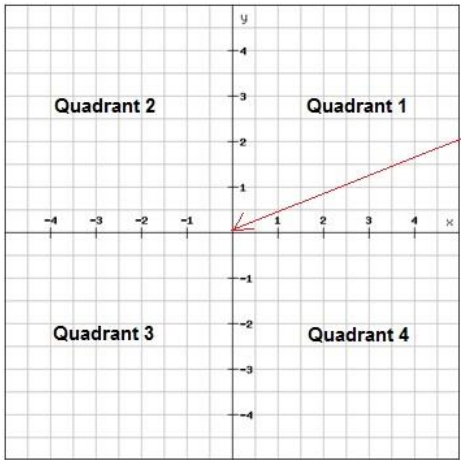
1. How can you get to a point located at (3, -2)?

A. 3 left, 2 up
B. 3 right, 2 down
C. 2 right, 3 down
D. 2 left, 3 down

2. What are the coordinates (ordered pair) of the origin?

A. (1, 1)
B. (0, 0)
C. (0, 1)
D. (1, 0)

3. In which quadrant is the point (-3, 4)?



A. Quadrant I
B. Quadrant II
C. Quadrant III
D. Quadrant IV

4. What is the y-coordinate of the point (7, -5)?

A. 7
B. -5
C. 5
D. -7

5. What is the x-coordinate of the point (-6, 2)?

A. -6
B. 6
C. 2
D. -2

6. Which of the following points lies on the line y = 2x + 1?

A. (2, 4)
B. (1, 3)
C. (0, 0)
D. (-1, -1)

7. Which of the following is a solution to y = -x + 2?

A. (2, -2)
B. (1, 1)
C. (0, 0)
D. (-1, 1)

8. If y = 3x, what is y when x = -2?

A. -6
B. 6
C. 1
D. 0

9. If x = 4 and y = 2x - 1, what is the ordered pair?

A. (4, 9)
B. (2, 7)
C. (4, 7)
D. (2, 4)

10. Which ordered pair is a solution to y = x - 3?

A. (1, 4)
B. (0, 0)
C. (4, 1)
D. (-1, -2)

11. If y = 2x and x = 5, what is the value of y?

A. 10
B. 7
C. 12
D. 5

12. Which equation matches the point (3, 6)?

A. y = x + 3
B. y = 2x
C. y = x - 3
D. y = x/2

13. Which point lies on the line y = -2x + 4?

A. (1, 2)
B. (2, 0)
C. (3, -2)
D. All of the above

14. If $y = x + 2$, what is y when $x = -1$?

A. 1
B. 3
C. -3
D. 2

15. Which equation best represents a line passing through (0, 5)?

A. $y = x + 5$
B. $y = 5x$
C. $y = x - 5$
D. $y = 2x + 1$

Answer Key

1. B

2. B

3. B

4. B

5. A

6. B

7. B

8. A

9. C

10. C

11. A

12. B

13. D

14. A

15. A