

P.I. A.A.39: Determine whether a given point is on a given line, given the equation of the line

1. Which ordered pair is a solution of the equation $5x + 3y = -2$?

[A] (1, 0) [B] (1, -1)
[C] (-1, 1) [D] (0, 1)

2. Which ordered pair is a solution of the equation $3x + y = 17$?

[A] (2, 5) [B] (5, 1)
[C] (5, 2) [D] (1, 5)

3. Which ordered pair is a solution of the equation $3x + 2y = -3$?

[A] (-3, 3) [B] (3, -3)
[C] (3, -2) [D] (-2, 3)

4. Which is a point that lies on the graph of the equation $2x - y = 8$?

[A] (-3, -2) [B] (-2, -6)
[C] (-2, 6) [D] (3, -2)

5. Determine if the ordered pair $(-4, 3)$ is a solution of $4x - y = -13$.

6. Determine if the ordered pair $(-2, -4)$ is a solution of $5x - 2y = -2$.

7. Determine if the ordered pair $(-5, -1)$ is a solution of $2x - y = -11$.

8. Determine if the ordered pair $(3, -2)$ is a solution of $4x - 3y = 18$.

9. What is the x -intercept of the line $4x - y = -4$?

[A] 4 [B] -4 [C] -1 [D] 1

10. Which is the y -intercept of the linear equation $3x + y = 4$?

[A] -4 [B] -3 [C] 0 [D] 3 [E] 4

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[1] C

[2] C

[3] A

[4] D

[5] no

[6] yes

[7] no

[8] yes

[9] C

[10] E