

Algebra I Practice A.REI.D.10: Identifying Solutions

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NAME: _____

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 $2x + 3y = -7$?

[A] (-5, 4) [B] (4, -6)
[C] (4, -5) [D] (-6, 4)

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

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

5. 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)

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

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

8. Determine if the ordered pair $(1, -5)$ is a solution of $3x - 2y = 13$.

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

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

- [1] C
- [2] C
- [3] A
- [4] C
- [5] D
- [6] no
- [7] yes
- [8] yes
- [9] no
- [10] yes