

Solving linear equations



Name Class Date

Which ordered pair is a solution set for the linear equation, 5x - 8 - 3x = 14y?

- A (25, 3)
- **B** (-4, -2)
- **C** (-3, 1)
- **D** (24, 4)

Which ordered pair is a solution set for the linear equation, 6(2x-3) = y?

- A (4, -30)
- **B** (-2, 42)
- C(2,6)
- **D** (1, 6)

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What is the value of y for the linear equation, x + x = 2x - 4y + 16, when x = 4?

What is the value of y for the linear equation, 3x - 2y = x + 6y - 12, when x = 2?



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PREVIEW

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- A (-4, 2) **B** (-3, -5)
- C (8, 1)
- **D** (-8, -1)

- **A** (3, 2)
- **B** (-1, 4)
- C (-3, 1.5)
- **D** (-2, 3)

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The ordered pair, (-2, 5), is a solution set for the equation, $x - \frac{1}{2}y + 3 = 2x + \frac{1}{2}y$

True or false?

- A true
- **B** false

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The ordered pair, (9, 2.5), is a solution set for the equation,

5x + 2y = 3x - 8y + 41

True or false?

- A true
- **B** false



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Name Class Date Which ordered pair is a solution set for Which ordered pair is a solution set for the linear equation, 5x - 8 - 3x = 14y? the linear equation, 6(2x-3) = y? A (25, 3) A (4, -30) **A** (C)**B** (-4, -2) **B** (-2, 42) **C** (-3, 1) C(2,6)**D** (24, 4) **D** (1, 6) 3 What is the value of y for the linear What is the value of y for the linear equation, 3x - 2y = x + 6y - 12, equation, x + x = 2x - 4y + 16, when x = 2? when x = 4? A 5 B **PREVIEW** Please Sign In or Sign Up to download 7 the printable version of this worksheet C A (-4, 2) **A** (3, 2) **B** (-3, -5) **B** (-1, 4) C (8, 1) C (-3, 1.5) **D** (-8, -1) **D** (-2, 3) 9 The ordered pair, (9, 2.5), is a The ordered pair, (-2, 5), is a 10 solution set for the equation, solution set for the equation, 5x + 2y = 3x - 8y + 41 $x - \frac{1}{2}y + 3 = 2x + \frac{1}{2}y$ (**B**) True or false? True or false? A true A true **B** false **B** false