

Solving linear equations



Name Class Date

1

Solve the following **2-step** linear equation for y if x = 2:

6x-21=y

- **A**-33
- **B** -9
- **C** 9
- **D** 33

2

Which ordered pair is a solution set for the linear equation, $x - \frac{1}{2}y = 7$?

- **A** (5, 4)
- **B** (5, -6)
- C (3, -5)
- **D** (3, -8)

3

5

Which ordered pair is a solution set for the linear equation, 3x + 3y = 12?

- **A** (1, 3)
- **B** (-2, -2)

4

Which ordered pair is a solution set for the linear equation, 2x - 8 = y?

- **A** (-1, -9)
- **B** (6, -4)



PREVIEW

7

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- C 8.25
- **D** 12

- C -7
- **D** -8

9

What is the value of y for the linear equation, 5x + 54 + 4x = 9y, when x = 1?

- A 6
- B 7
- C 8
- **D** 9

10

Which ordered pair is a **solution set** for the linear equation, -2(7x + 3y) = 86?

- A (2, 38)
- B (1, -24)
- C (-1, -12)
- **D** (-2, -9)



Solving linear equations



Class Name Date Solve the following 2-step linear Which ordered pair is a solution set for equation for y if x = 2: the linear equation, $x - \frac{1}{2}y = 7$? (6x - 21 = y)**A** (5, 4) B (D)**B** (5, -6) **A**-33 C (3, -5) **B** -9 C 9 **D** (3, -8) **D** 33 3 Which ordered pair is a solution set for Which ordered pair is a solution set for the linear equation, 3x + 3y = 12? the linear equation, 2x - 8 = y? A (1, 3) A (-1, -9) **B** (-2, -2) **B** (6, -4) 5 (D)**PREVIEW** Please Sign In or Sign Up to download 7 the printable version of this worksheet D C 8.25 C -7 **D** 12 **D** -8 9 What is the value of y for the 10 Which ordered pair is a solution set for linear equation, 5x + 54 + 4x = 9y, the linear equation, -2(7x + 3y) = 86? when x = 1? A (2, 38) (C) B (1, -24) A 6 B 7 C (-1, -12) C 8 **D** (-2, -9) **D** 9