



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 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)

2 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)

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

- A -4
- B -2.4
- C 2.4
- D

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

- A 2
- B 2.8
- C 3

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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)

9 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

10 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



## ANSWER KEY

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)

(a)

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)

(c)

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

- A -4
- B -2.4
- C 2.4
- D 4

(d)

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

- A 2
- B 2.8
- C 3
- D 4

(a)



## PREVIEW

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- A (-3, -5)
- B (8, 1)
- C (-8, -1)

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

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

(a)

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

(b)