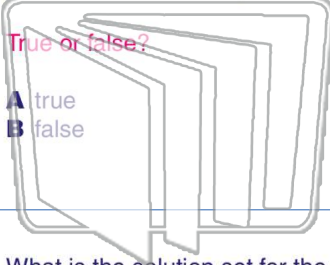




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

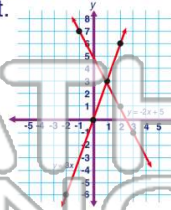
1 To solve a **system of equations** means to solve two equations for an ordered pair that make both equations true.



True or false?

- A true
- B false

2 The graph shown represents the equations,  $y = 3x$  and  $y = -2x + 5$  and their solution set.



True or false?

- A true
- B false

3 What is the solution set for the system of equations,  $y = 4x$  and  $2x + y = 12$ , by using **algebraic substitution**?

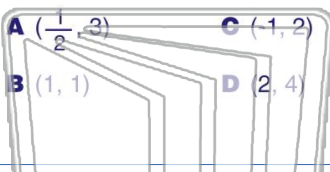
4 What is the solution set for the system of equations,  $y = -2x$  and  $5x - y = -14$ , by using **algebraic substitution**?



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7  $8y + 4x = 12$ , by using the **addition method**?

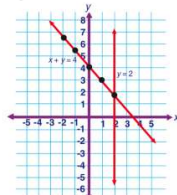


- A  $(\frac{1}{2}, -2)$
- B  $(1, 1)$
- C  $(-1, 2)$
- D  $(2, 4)$

by using the **addition method**?

- A  $(2, 9)$
- B  $(5, 0)$
- C  $(1, 10)$
- D  $(6, -3)$

9 The graph shown represents the equations,  $y = 2$  and  $x + y = 4$ , and their solution set correctly.



True or false?

- A true
- B false

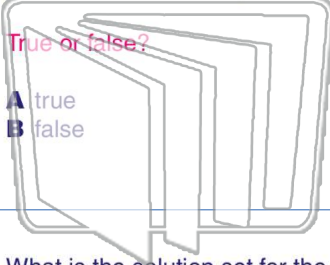
10 EZ Rental charges an initial fee of **\$59** and a per day fee of **\$40**. Careful Car Rental charges an initial fee of **\$79** and a per day fee of **\$30**. At how many days is the fee the **same** for both companies?

- A 2
- B 3
- C 4
- D 5



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

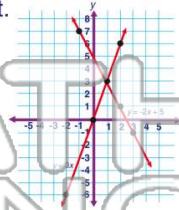
1 To solve a **system of equations** means to solve two equations for an ordered pair that make both equations true.



True or false?

- A true
- B false

2 The graph shown represents the equations,  $y = 3x$  and  $y = -2x + 5$  and their solution set.



True or false?

- A true
- B false

3 What is the solution set for the system of equations,  $y = 4x$  and  $2x + y = 12$ , by using **algebraic substitution**?

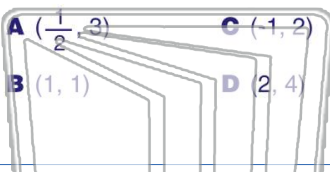
4 What is the solution set for the system of equations,  $y = -2x$  and  $5x - y = -14$ , by using **algebraic substitution**?



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7  $8y + 4x = 12$ , by using the **addition method**?

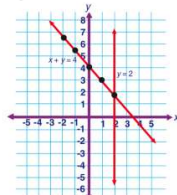


- A  $(\frac{1}{2}, -2)$
- B  $(1, 1)$
- C  $(-1, 2)$
- D  $(2, 4)$

by using the **addition method**?

- A  $(2, 9)$
- B  $(5, 0)$
- C  $(1, 10)$
- D  $(6, -3)$

9 The graph shown represents the equations,  $y = -2$  and  $x + y = 4$ , and their solution set correctly.



True or false?

- A true
- B false

10 EZ Rental charges an initial fee of **\$59** and a per day fee of **\$40**. Careful Car Rental charges an initial fee of **\$79** and a per day fee of **\$30**. At how many days is the fee the **same** for both companies?

- A 2
- B 3
- C 4
- D 5