



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Solutions To Linear Equations

*Solve for x. Show your work.*

1. Find y if (7, y) is on  $y = 5x + 2$

2. Find x if (x, 14) is on  $y = 2x + 0$

3. Find x if (x, 10) is on  $y = 5x + 0$

4. Find x if (x, 23) is on  $y = 6x + 5$

5. Find x if (x, 35) is on  $y = 4x + 7$

6. Find y if (7, y) is on  $y = 2x + -2$

7. Find x if (x, 25) is on  $y = 5x + 5$

8. Find x if (x, 22) is on  $y = 6x + -2$



## Solutions To Linear Equations – Answer Key

1. Find  $y$  if  $(7, y)$  is on  $y = 5x + 2$

$y = 37$

2. Find  $x$  if  $(x, 14)$  is on  $y = 2x + 0$

$x = 7$

3. Find  $x$  if  $(x, 10)$  is on  $y = 5x + 0$

$x = 2$

4. Find  $x$  if  $(x, 23)$  is on  $y = 6x + 5$

$x = 3$

5. Find  $x$  if  $(x, 35)$  is on  $y = 4x + 7$

$x = 7$

6. Find  $y$  if  $(7, y)$  is on  $y = 2x + -2$

$y = 12$

7. Find  $x$  if  $(x, 25)$  is on  $y = 5x + 5$

$x = 4$

8. Find  $x$  if  $(x, 22)$  is on  $y = 6x + -2$

$x = 4$