

READY, SET, GO!

Name

Period

Date

**READY****Identify which of the 3 possible numbers is the solution to the equation.**

1.  $3x + 7 = 13$  ( $x = -2$ ;  $x = 2$ ;  $x = 5$ )      2.  $8 - 2b = -2$  ( $b = -3$ ;  $b = 0$ ;  $b = 5$ )

3.  $5 + 4g + 8 = 1$  ( $g = -3$ ;  $g = -1$ ;  $g = 2$ )      4.  $6t - 5 + 5t = 105$  ( $t = 4$ ;  $t = 7$ ;  $t = 10$ )

**Determine the y-value of each ordered pair based on the given x-value.**

5.  $y = 6x - 15$  (8,    ), (-1,    ), (5,    )      6.  $y = -4x + 9$  (-5,    ), (2,    ), (4,    )

7.  $y = 2x - 1$  (-4,    ), (0,    ), (7,    )      8.  $y = -x + 9$  (-9,    ), (1,    ), (5,    )

**SET****Fill in the table. Then write a sentence explaining how you figured out the values to put in each cell.**

9. You run a business making birdhouses. You spend \$600 to start your business, and it costs you \$5.00 to make each birdhouse.

# of birdhouses	1	2	3	4	5	6	7
Total cost to build							

Explanation:

10. You make a \$15 payment on your loan of \$500 at the end of each month.

# of months	1	2	3	4	5	6	7
Amount of money owed							

Explanation:

11. You deposit \$10 in a savings account at the end of each week.

# of weeks	1	2	3	4	5	6	7
Amount of money saved							

Explanation:

12. You are saving for a bike and can save \$10 per week. You have \$25 when you begin saving.

# of weeks	1	2	3	4	5	6	7
Amount of money saved							

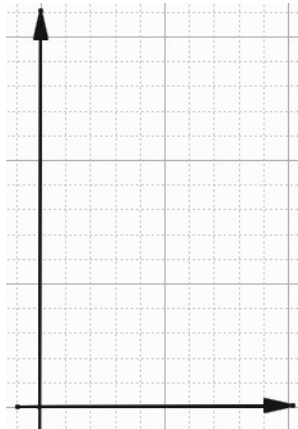
Explanation:

### GO

Graph the ordered pairs from the tables on the given graphs.

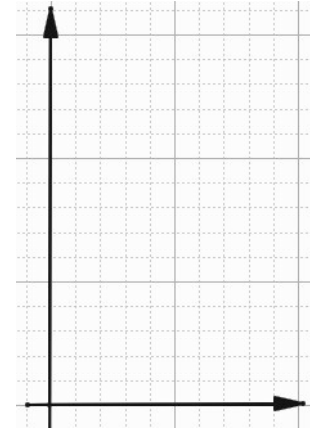
13. .

$x$	$y$
0	3
2	7
3	9
5	13



14. .

$x$	$y$
0	14
4	10
7	7
9	5



15. .

$x$	$y$
2	11
4	10
6	9
8	8



16. .

$x$	$y$
1	4
2	7
3	10
4	13

