

### 3 Using a Table of Values

EVALUATED



Skill Builder

- 1 Organize the following list of coordinates into a table of values.

$(0, 2), (1, 4), (2, 6), (3, 8)$


- 2 Organize the following list of coordinates into a table of values.

$(-2, 3), (-1, 1), (0, -1), (1, -3), (2, -5)$


- 3 Organize the following list of coordinates into a table of values.

$(2, -4), (0, 2), (3, -7), (-1, 5)$


- 4 Organize the following list of coordinates into a table of values.

$(4, -1), (-2, 5), (3, 0), (6, -3), (-4, 7)$


- 5 Given the table of values below, identify each of the coordinates.

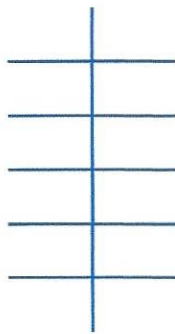
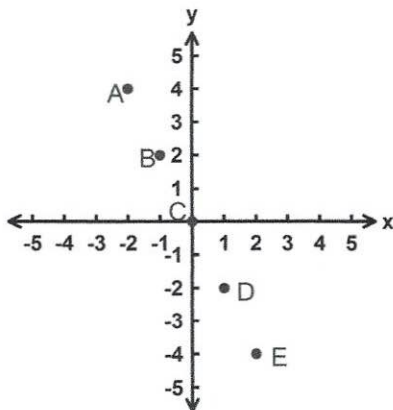
$x$	$y$
-1	-5
0	-3
1	-1
2	1

# Skill Builder

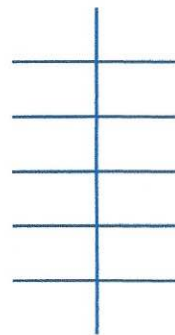
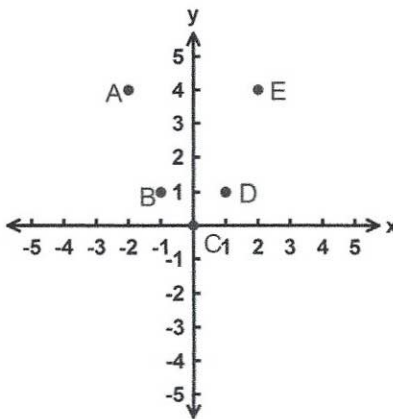
- 6** Given the table of values below, identify each of the coordinates.

$x$	$y$
-2	3
-1	0
0	-1
1	0

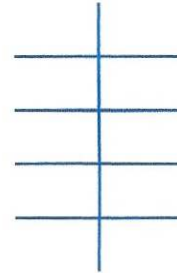
- 7** Given the graph below, organize the coordinates into a table of values.



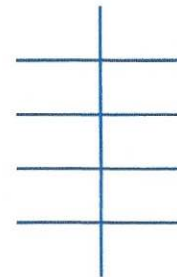
- 8** Given the graph below, organize the coordinates into a table of values.



- 9** Patti pays a \$10 fee each month to buy songs online and \$0.50 per song. Create a table of values to show the cost of the first three songs in a month.



- 10** When Ethan goes roller skating he pays \$5 to rent roller skates and \$3 per hour. Create a table of values to show the cost of skating for 4 hours.



# 7 Using a Table of Values to Solve Linear Relations Problems EVALUATED



- 1** Create a table of values to show possible solutions for the equation  $y = x + 6$ .


- 2** Create a table of values to show the possible solutions for the equation  $y = x - 2$ .


- 3** Create a table of values for the linear relation below.

$$y = 3x$$


- 4** Create a table of values for the linear relation below.

$$y = -2x$$


- 5** When given the equation  $y = 2x + 11$ , what is the value of  $x$  when  $y = 19$ ?

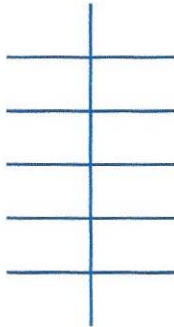
**My Calculations**


- 6** When given the equation  $y = 3x - 4$ , what is the value of  $x$  when  $y = 26$ ?

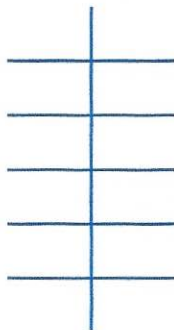
**My Calculations**


## Skill Builder

- 7** Hannah started with 5 headbands. Each week her grandmother gives her two new headbands. Create a table of values to show how many headbands she will have each week for weeks 5 to 9.

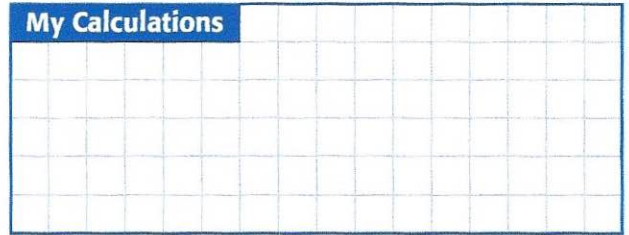


- 8** Joshua is learning to play guitar. He didn't know any songs when he started. He learns 3 new songs each week. Create a table of values to show how many songs he will know how to play during weeks 10 through 14.



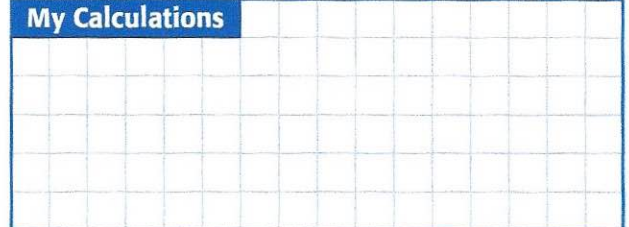
- 9** Jessica pays \$25 per month for her gym membership and then an additional \$5 per spinning class. She has budgeted for \$50 to spend on her workouts this month. How many classes can Jessica take?

### My Calculations



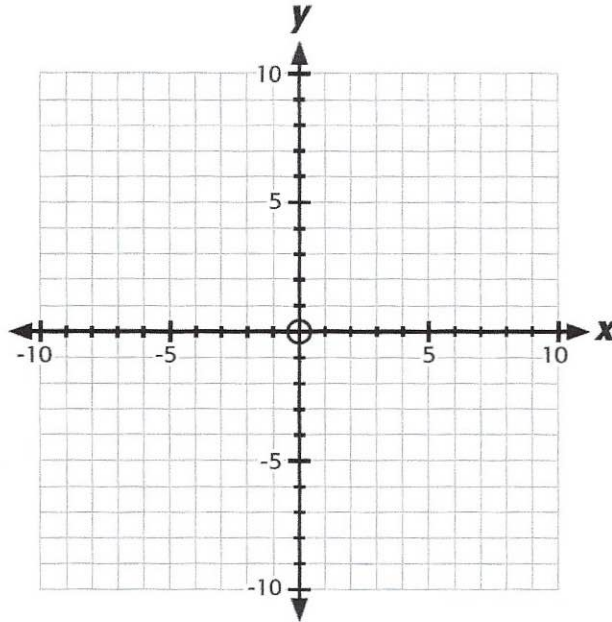
- 10** Marcus pays \$5 to rent bowling shoes and \$3 per game. How many games can he play if he spends \$23?

### My Calculations



- 5** Plot the  $(x, y)$  pairs on the coordinate plane and draw the line of the function.

$x$	$y$
-4	-10
-2	-6
0	-2
2	2
4	6



- 6** Plot the  $(x, y)$  pairs on the coordinate plane and draw the line of the function.

$x$	$y$
-7	10
-3	6
0	3
3	0
7	-4

