Name: _____   Date: _____
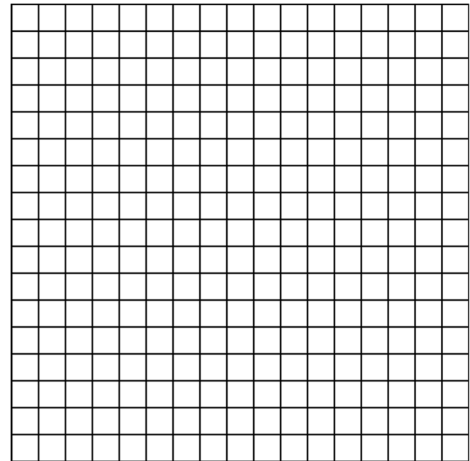
Learning Goal 5.2	I can express relations as expressions, in a table of values and on a graph.

A **formula** is

Example Paula rents a lawnmower for $8 per hour. A formula representing this relationship is $C = 8t$ where C is the rental cost, in dollars, and t is the time, in hours.

    a. Make a table of values for up to 5 hours only   b. Graph the ordered pairs in your table of
         using integer values.   values.

    c. Is it reasonable to have points between those   d. Calculate the cost to rent the lawnmower for
       on the graph? Explain.   12 hours.

An **equation** is

Assignment   p. 357 # 6 – 13, 16 – 18, 20   Quiz Next Day!

Example Use $y = 2x + 3$ to answer the following questions.

a. Complete the table of values.

x	y
-5	
-3	
-1	
1	
3	
5	

b. Graph the ordered pairs in your table of values.
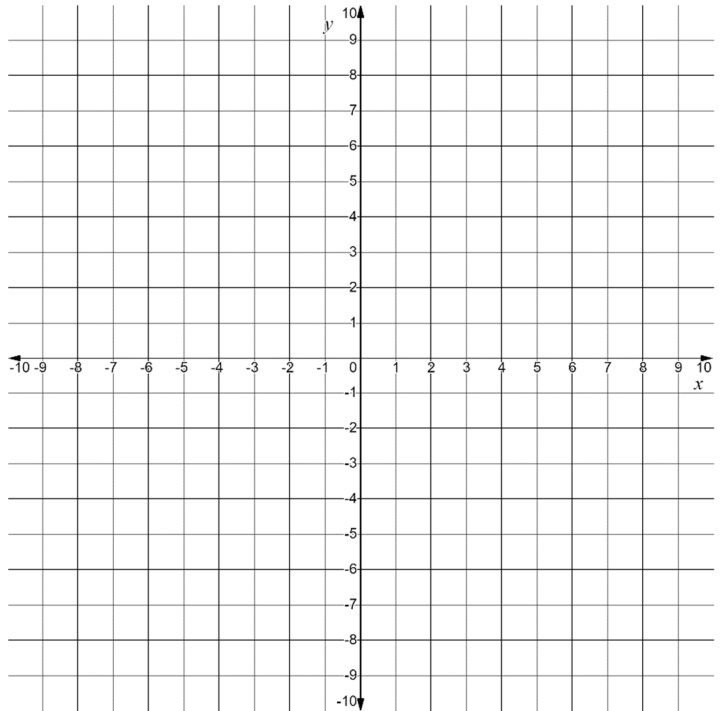
c. Use the equation to calculate the $y -$ coordinate when $x = 9$.

d. For the point $(-12, y)$ what is the value for y?

e. What are the coordinates for the point that would lie on the $y -$ axis?