

THE LINK

Writing Equations from Tables or Graphs

EQUATION

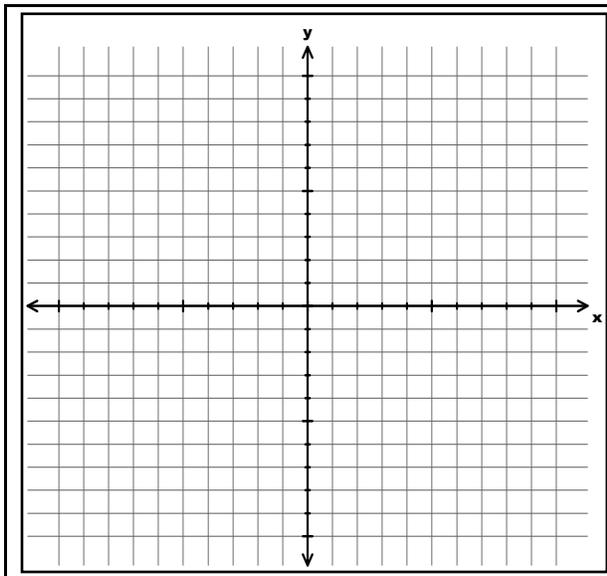
$$y = 7x + 5$$

Complete the Link Sheet to represent the equation and information about it in multiple ways.

TABLE OF VALUES

x	y
-2	
-1	
0	
1	
2	
3	

GRAPH



Be sure to label the graph first!!!

COMMUNICATION

1. Find:

- a. Find the constant difference in y
- b. Find the value for y when $x = 0$
- c. Find the value for x when $y = 0$

2. Is the line increasing, decreasing, or neither. Explain how you know

3. Add two pairs of points that are also on the given line to the table above.

THE LINK

Writing Equations from Tables or Graphs

EQUATION

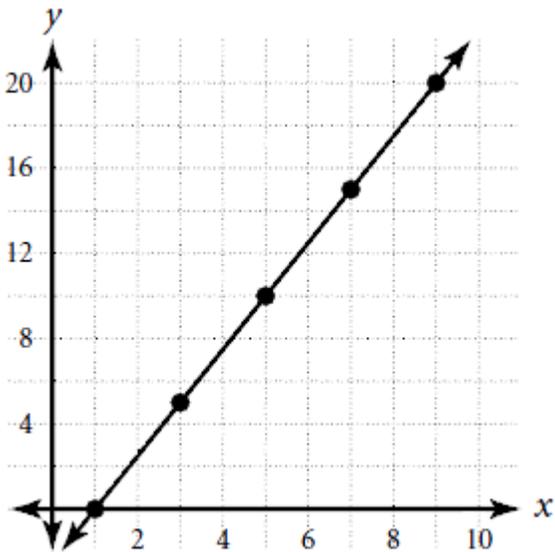
Find the equation of the line using the table and graph of line given.

Complete the Link Sheet to represent the equation and information about it in multiple ways.

TABLE OF VALUES

x	y
-1	
0	
1	
3	
5	
7	
9	

GRAPH



COMMUNICATION

1. Find:
 - a. Fill in the table above from the graph
 - b. Find the value for y when $x = 0$
 - c. Find the value for x when $y = 0$

2. Is the line increasing, decreasing, or neither. Explain how you know.

3. Add two pairs of points that are also on the given line to the table above.

THE LINK

Writing Equations from Tables or Graphs

EQUATION

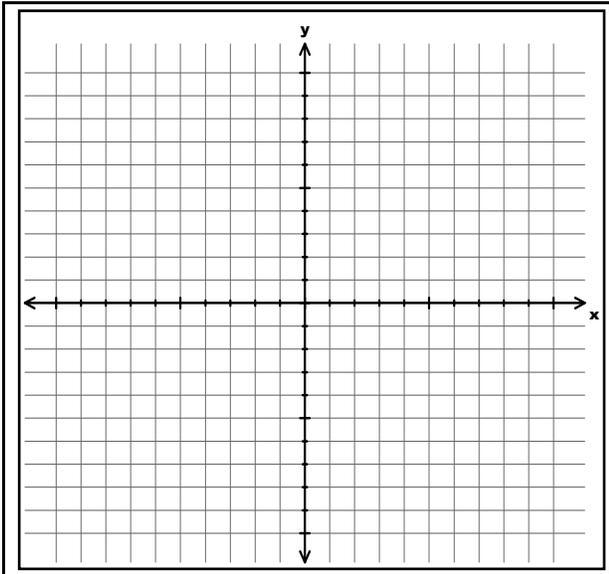
Write the equation based on the table of values.

Complete the Link Sheet to represent the equation and information about it in multiple ways.

TABLE OF VALUES

x	y
1	14
2	12
3	10
4	8
5	6
6	4

GRAPH



Be sure to label the graph first!!!

COMMUNICATION

1. Find:

- a. Find the constant difference in y
- b. Find the value for y when $x = 0$
- c. Find the value for x when $y = 0$

2. Is the line increasing, decreasing, or neither. Explain how you know.

3. Use the information to graph the information and write the equation of the line.

THE LINK

Writing Equations from Tables or Graphs

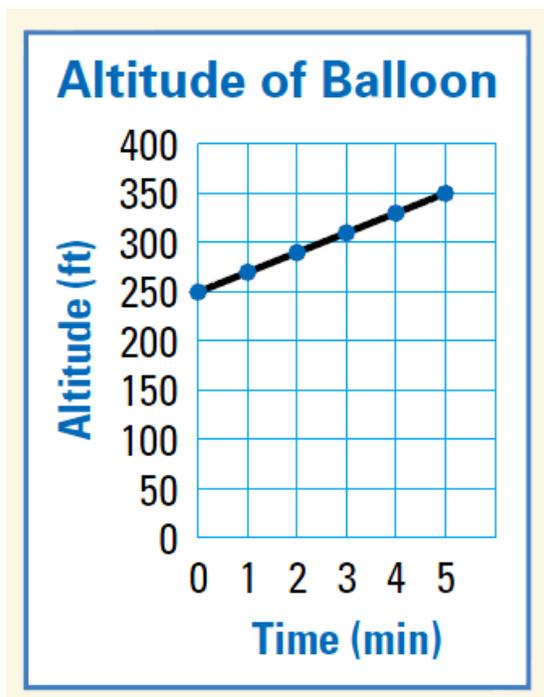
EQUATION

Complete the Link Sheet to represent the equation and information about it in multiple ways.

TABLE OF VALUES

x	y
0	
1	
2	
3	
4	
5	

GRAPH



COMMUNICATION

1. Find:
 - a. Find the constant difference in y
 - b. Find the value for y when $x = 0$
 - c. Find the value for x when $y = 0$

2. Is the line increasing, decreasing, or neither. Explain how you know.

3. Use the information to graph the information and write the equation of the line.