Algebra 1 Name:_____ Date: _____
Unit 1 – Introduction to Graphing- NOTES F

RECALL EVALUATING:

- Replace the variable with parenthesis.
- Plug in your input.
- Use your calculator to determine the output.

For each of the following:

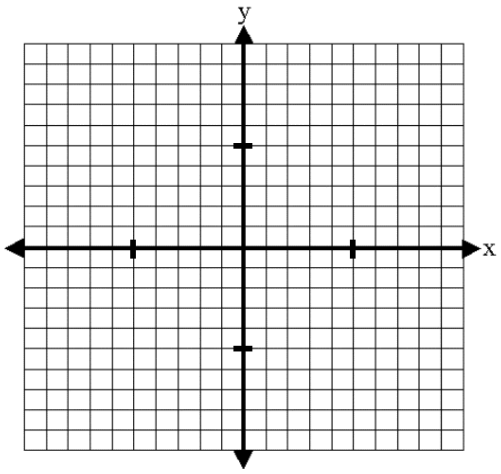
- Complete the table of values.
- Graph the function.
- Identify the Domain & Range
- Identify the type of graph.

1. $y = 2x + 1$

Table of Values:

Input(x)	Output(y)
-2	
-1	
0	
1	
2	

Graph:



Other Info:

Domain:

Range:

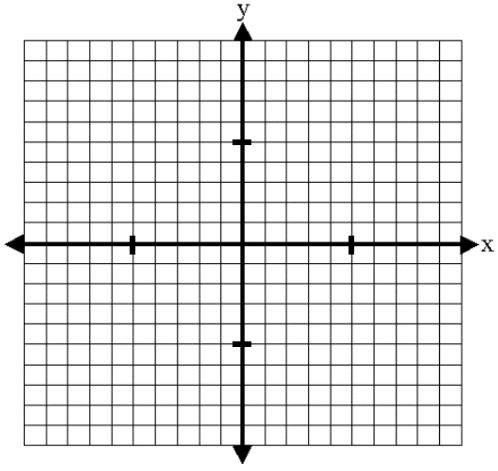
Type:

2. $y = -3x + 8$

Table of Values:

Input (x)	Output (y)
-2	
-1	
0	
1	
2	

Graph:



Other Info:

Domain:

Range:

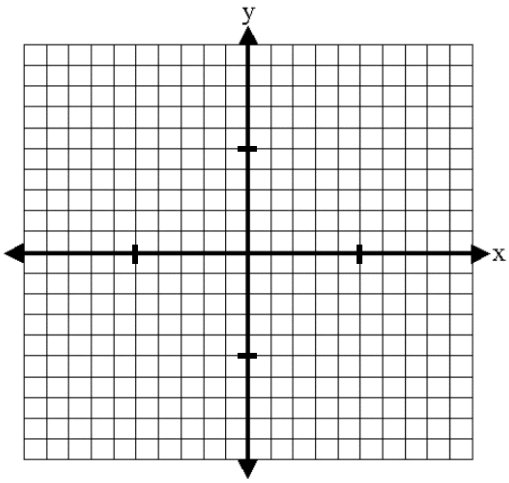
Type:

3. y = x^2 – 5

Table of Values:

Input (x)	Output (y)
-2	
-1	
0	
1	
2	

Graph:



Other Info:

Domain:

Range:

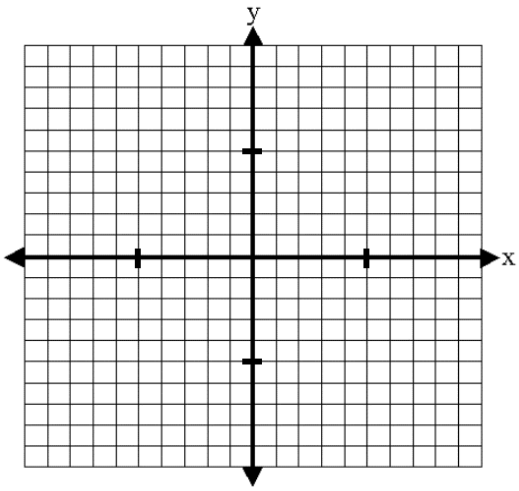
Type:

4. y = 2 – 3x

Table of Values:

Input (x)	Output (y)
-2	
-1	
0	
1	
2	

Graph:



Other Info:

Domain:

Range:

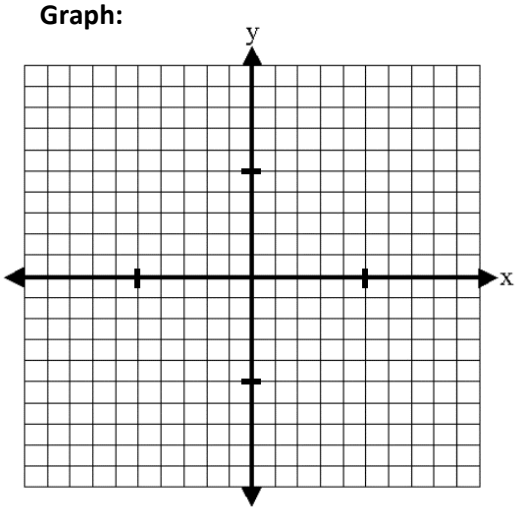
Type:

5. f(x) = ½ x^2

Table of Values:

Input (x)	Output f(x)
-4	
-2	
0	
2	
4	

Graph:



Other Info:

Domain:

Range:

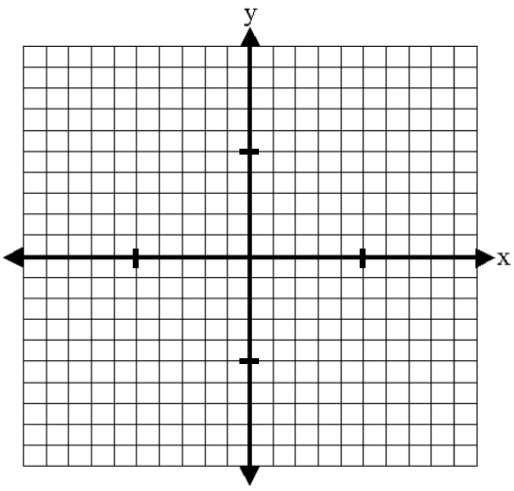
Type:

6. f(x) = $\sqrt{x+4}$

Table of Values:

Input (x)	Output f(x)
-4	
-3	
0	
5	

Graph:



Other Info:

Domain:

Range:

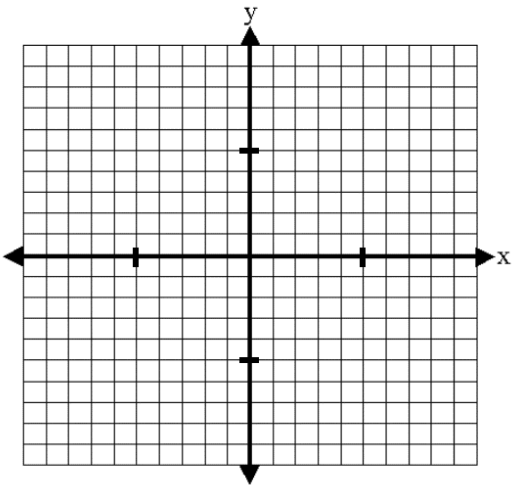
Type:

7. f(x) = $\sqrt{x}$ + 1

Table of Values:

Input (x)	Output f(x)
0	
1	
4	
9	

Graph:



Other Info:

Domain:

Range:

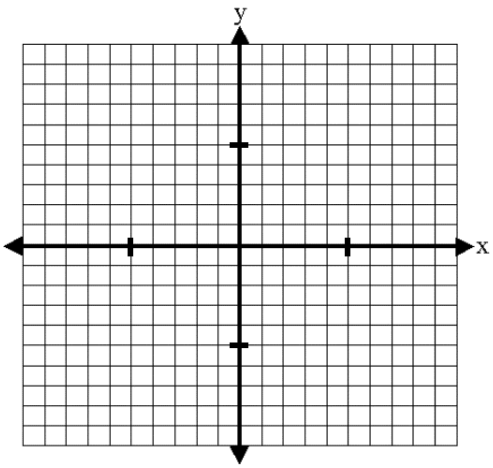
Type:

8. f(x) = -x^2 + 8

Table of Values:

Input (x)	Output f(x)
-2	
-1	
0	
1	
2	

Graph:



Other Info:

Domain:

Range:

Type: