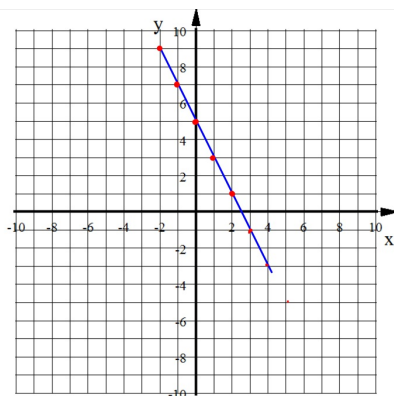


A.

X	Y
-2	9
-1	7
0	5
1	3
2	1



Equation:

$$y = -2x + 5$$

Function Name:

Linear

3 other points on the graph:

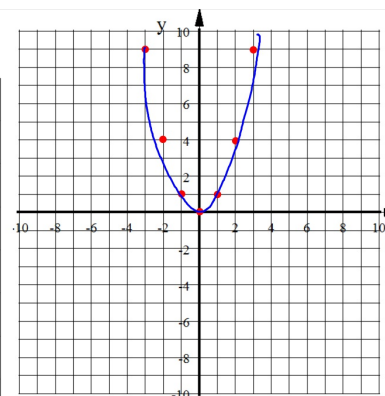
(3, -1)

(4, -3)

(5, -5)

B.

X	Y
-3	9
-2	4
-1	1
0	0
1	1
2	4
3	9



Equation:

$$y = x^2$$

Function Name:

Quadratic

3 other points on the graph:

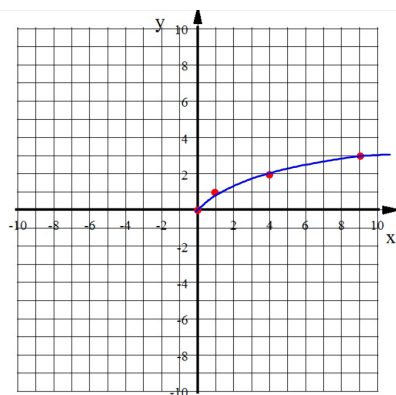
(4, 16)

(5, 25)

(6, 36)

C.

X	Y
0	0
1	1
4	2
9	3
16	4



Equation:

$$y = \sqrt{x}$$

Function Name:

SQ ROOT

3 other points on the graph:

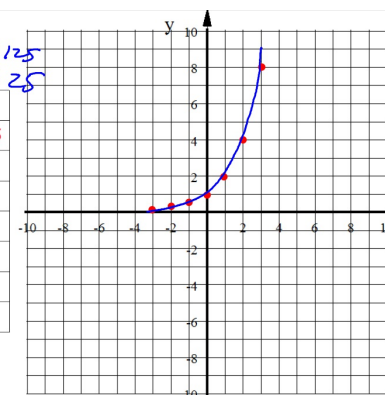
(25, 5)

(49, 7)

(36, 6)

5 D. 0.03125
-4, 0.0625

X	Y
-3	0.125
-2	0.25
-1	0.5
0	1
1	2
2	4
3	8



Equation:

$$y = 2^x$$

Function Name:

Exp growth

3 other points on the graph:

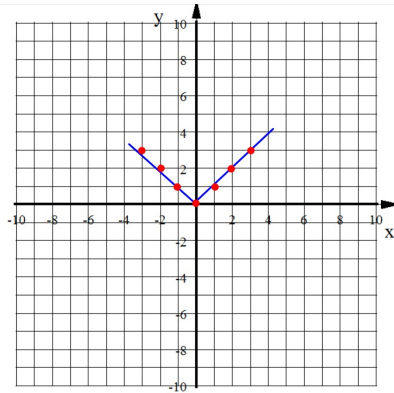
(4, 16)

(5, 32)

(6, 64)

E.

X	Y
-3	3
-2	2
-1	1
0	0
1	1
2	2
3	3



Equation:

$$y = |x|$$

Function Name:

Abs Value

3 other points on the graph:

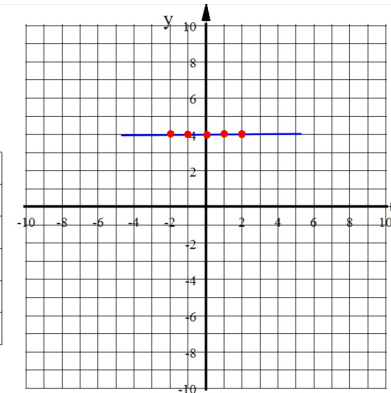
(4,4)

(5,5)

(6,6)

F.

X	Y
-2	4
-1	4
0	4
1	4
2	4



Equation:

$$y = 4$$

Function Name:

Constant

3 other points on the graph:

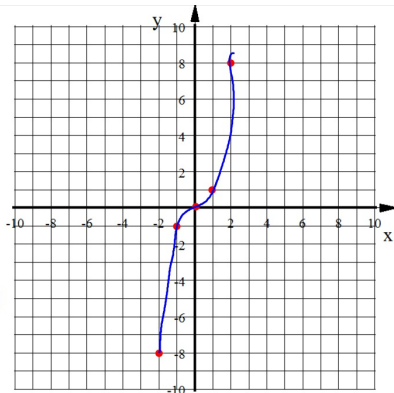
(3,4)

(4,4)

(5,4)

G.

X	Y
-2	-8
-1	-1
0	0
1	1
2	8



Equation:

$$y = x^3$$

Function Name:

cubic

3 other points on the graph:

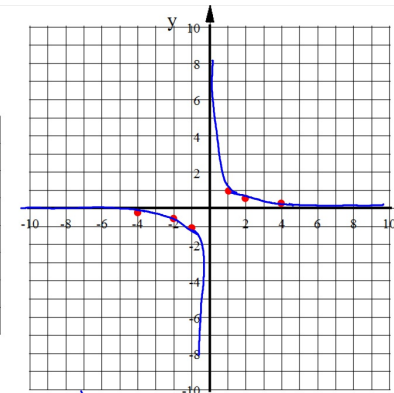
(3,27)

(4,64)

(5,125)

H.

X	Y
-4	-0.25
-2	-0.5
-1	-1
0	
1	1
2	0.5
4	0.25



Equation:

$$y = 1/x$$

Function Name:

Rational

3 other points on the graph:

(-5,-0.2)

(10,0.1)

(5,0.2)

hyperbola