$y = |x|$

Absolute Value

$y = x$

Linear

$y = \sqrt{x}$

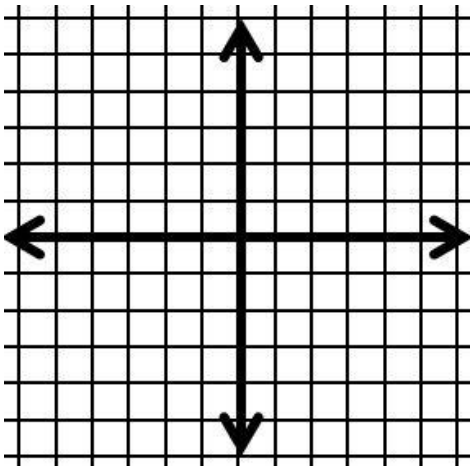
Square Root

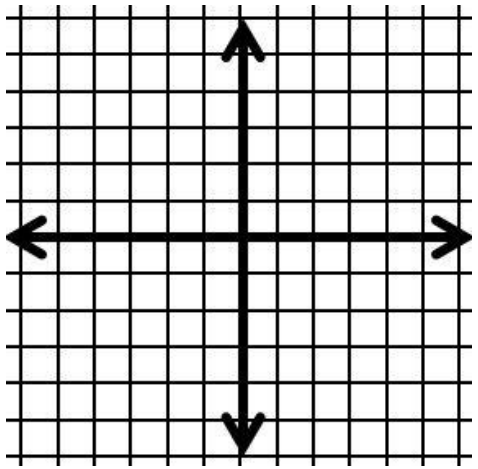
$y = x^2$

Quadratic

Characteristics:

x	y



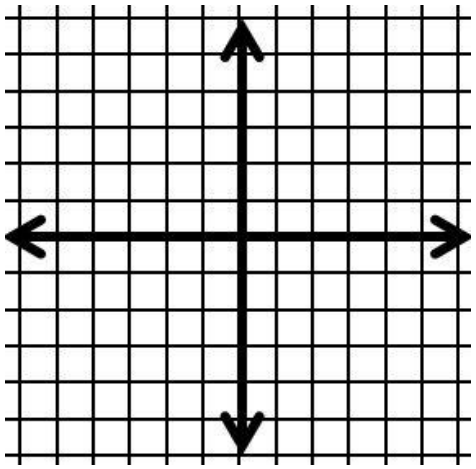


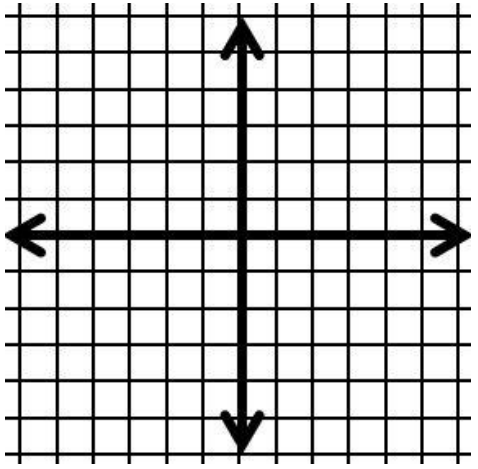
x	y

Characteristics:

Characteristics:

x	y





x	y

Characteristics:

$f(x) = |x|$

Absolute Value

$f(x) = x$

Linear

$f(x) = \sqrt{x}$

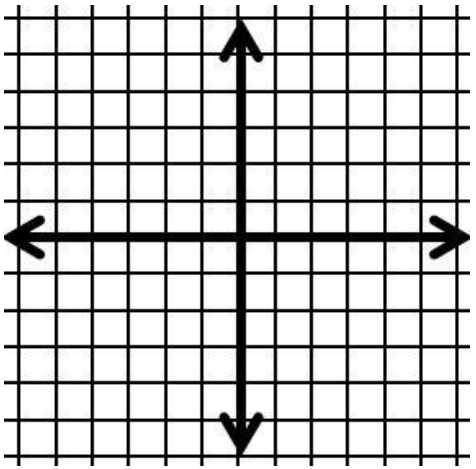
Square Root

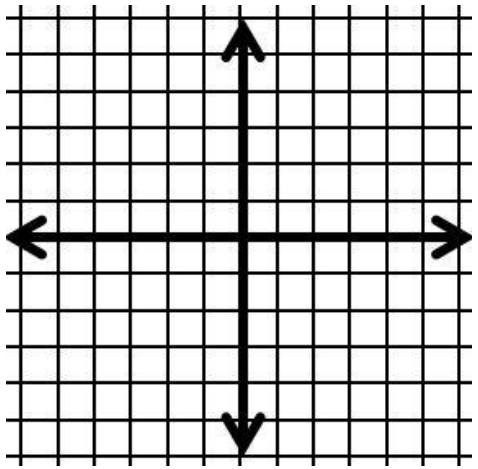
$f(x) = x^2$

Quadratic

Characteristics:

x	f(x)



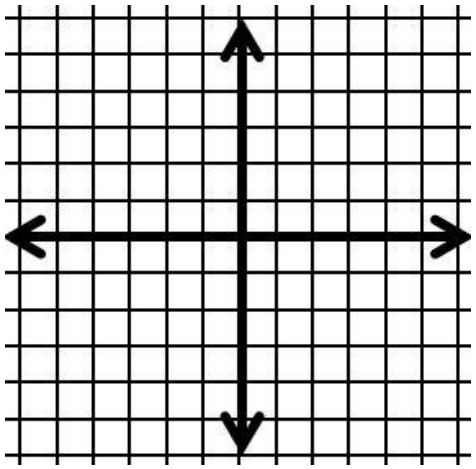


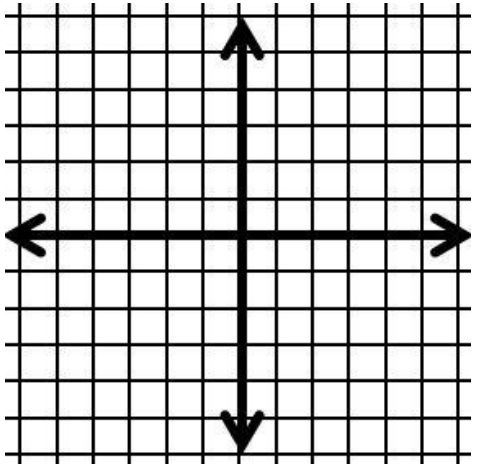
x	f(x)

Characteristics:

Characteristics:

x	f(x)





x	f(x)

Characteristics:

$y = |x|$

Absolute Value

$y = x$

Linear

$y = \sqrt{x}$

Square Root

$y = x^2$

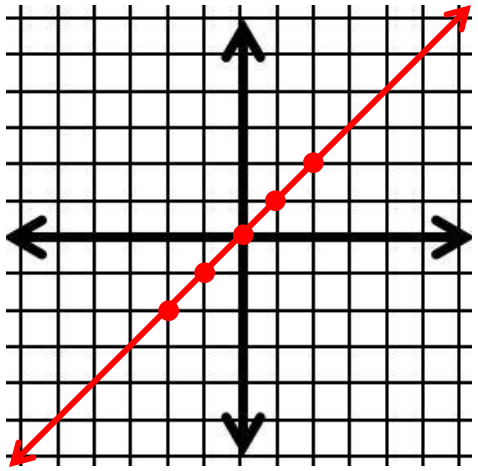
Quadratic

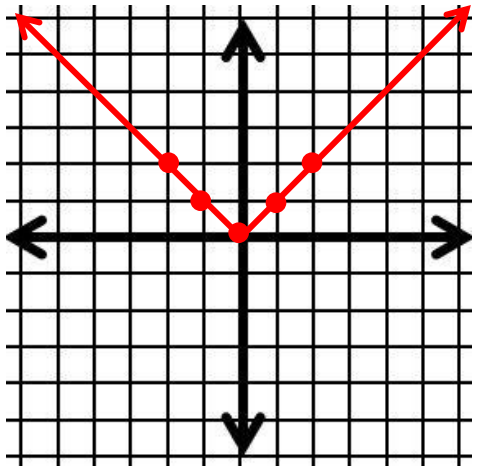
Answer Key!

Characteristics:

- Always a straight line
-

x	y
-2	-2
-1	-1
0	0
1	1
2	2





x	y
-2	2
-1	1
0	0
1	1
2	2

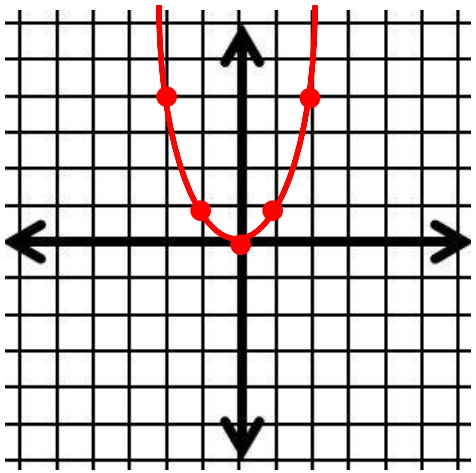
Characteristics:

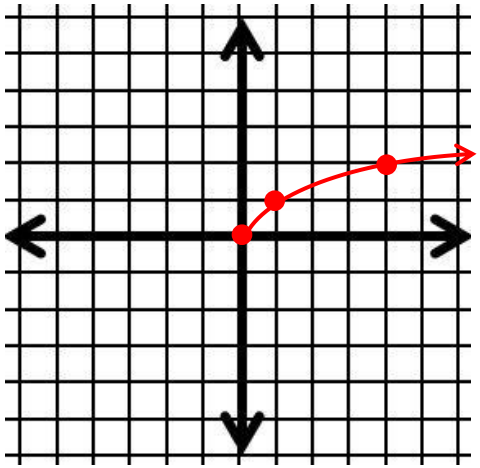
- Always "V" shaped
-

Characteristics:

- Always "U" shaped, which is called a **parabola**
-

x	y
-2	4
-1	1
0	0
1	1
2	4





x	y
0	0
1	1
2	1.4
3	1.7
4	2

Characteristics:

- Always in the shape of a half parabola (half U)
-

$f(x) = |x|$

Absolute Value

$f(x) = x$

Linear

$f(x) = \sqrt{x}$

Square Root

$f(x) = x^2$

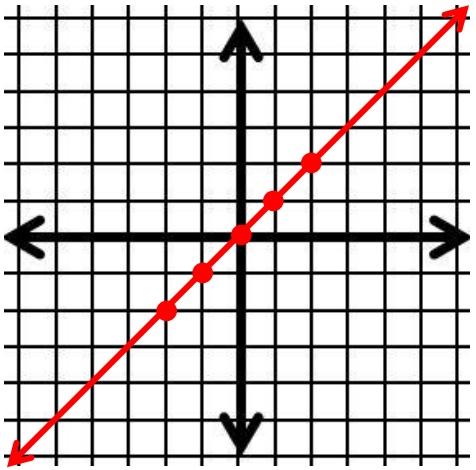
Quadratic

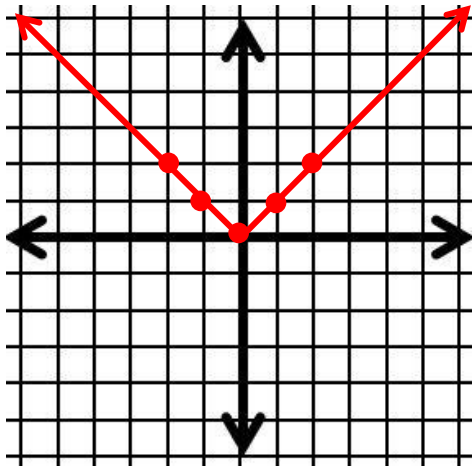
Answer Key!

Characteristics:

- Always a straight line
-

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





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

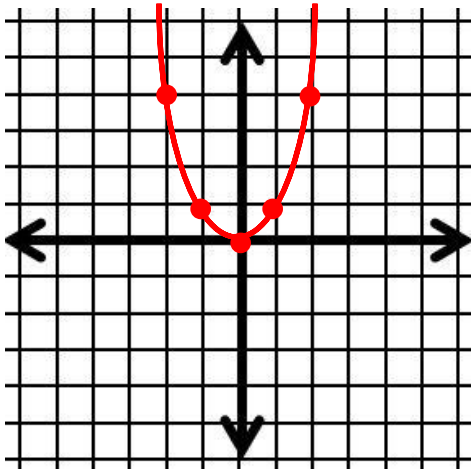
Characteristics:

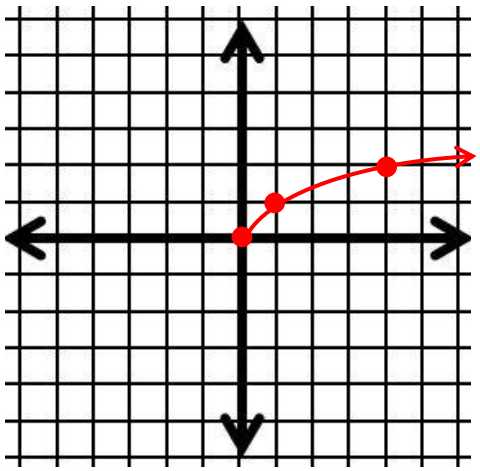
- Always "V" shaped
-

Characteristics:

- Always "U" shaped, which is called a **parabola**
-

x	f(x)
-2	4
-1	1
0	0
1	1
2	4





x	f(x)
0	0
1	1
2	1.4
3	1.7
4	2

Characteristics:

- Always in the shape of a half parabola (half U)
-

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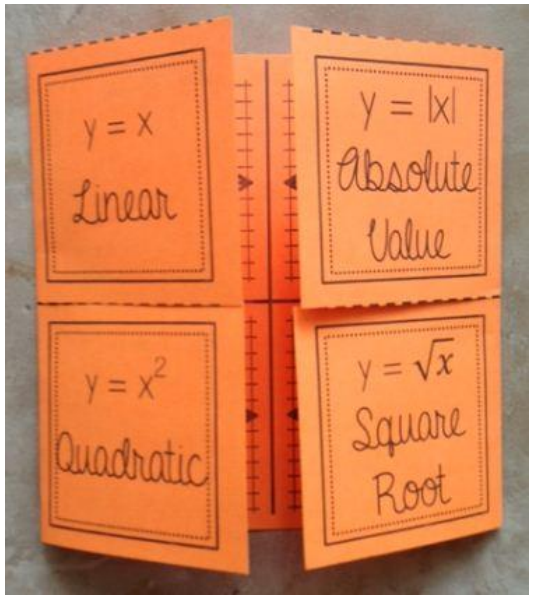
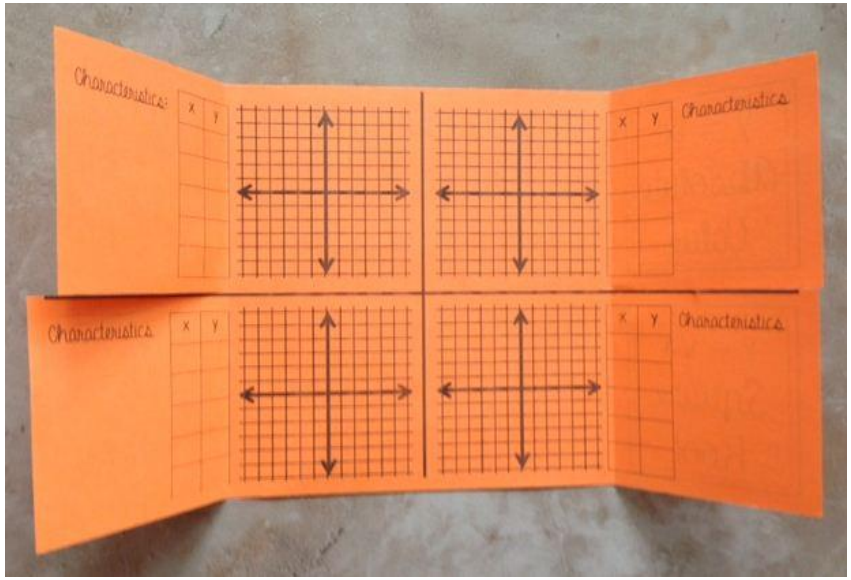
Step 1: Print pages 1 & 2 front to back (my printer has a setting "front to back along the short side").

Step 2: Cut off the top region (above the dotted line).

Step 3: Place the sheet so that the examples are face up. Fold over the left and right sides so that they meet at the solid vertical line in the center of the sheet.

Step 4: Cut along the dotted lines to create the individual flaps.

The final product should look like this: