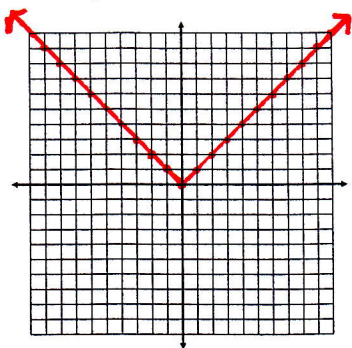


7.1 – Graphing Absolute Value Equations

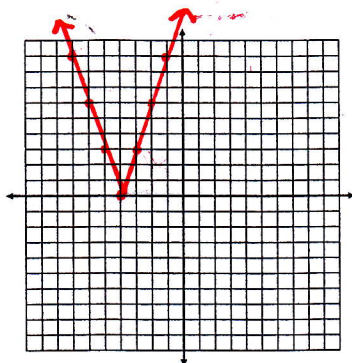
1. $f(x) = |x|$

x	$f(x) = x $	y
-2	$f(-2) = -2 $	2
-1	$f(-1) = -1 $	1
0	$f(0) = 0 $	0
1	$f(1) = 1 $	1
2	$f(2) = 2 $	2



2. $f(x) = |3x + 12|$

x	$f(x) = 3x + 12 $	y
-7	$f(-7) = 3(-7) + 12 $	9
-6	$f(-6) = 3(-6) + 12 $	6
-5	$f(-5) = 3(-5) + 12 $	3
-4	$f(-4) = 3(-4) + 12 $	0
-3	$f(-3) = 3(-3) + 12 $	3
-2	$f(-2) = 3(-2) + 12 $	6
-1	$f(-1) = 3(-1) + 12 $	9



3. $f(x) = |2x - 4|$

x	$f(x) = 2x - 4 $	y
-1	$f(-1) = 2(-1) - 4 $	6
0	$f(0) = 2(0) - 4 $	4
1	$f(1) = 2(1) - 4 $	2
2	$f(2) = 2(2) - 4 $	0
3	$f(3) = 2(3) - 4 $	2
4	$f(4) = 2(4) - 4 $	4
5	$f(5) = 2(5) - 4 $	6

