

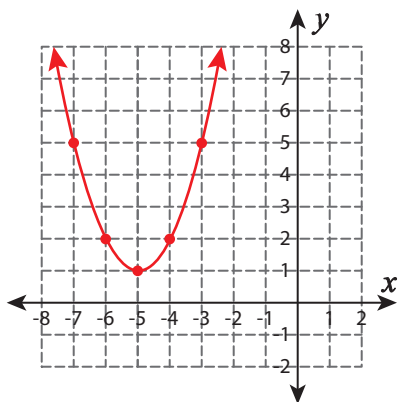
# Graphing Quadratic Functions

Answer Key

Complete each table and sketch the graph.

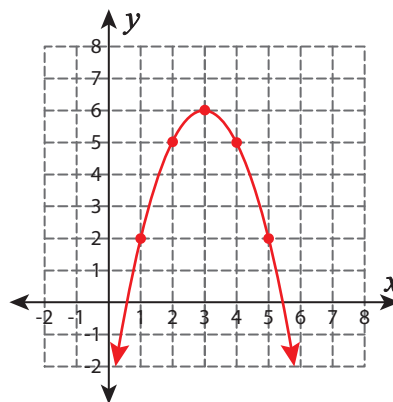
1)  $f(x) = x^2 + 10x + 26$

$x$	-7	-6	-5	-4	-3
$f(x)$	5	2	1	2	5



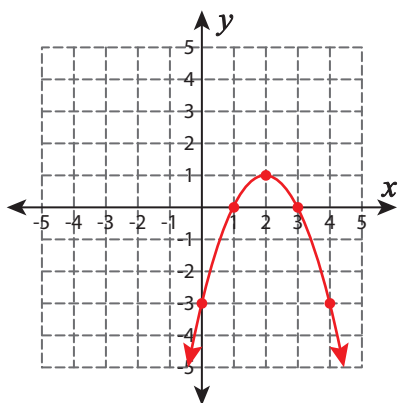
2)  $f(x) = -x^2 + 6x - 3$

$x$	1	2	3	4	5
$f(x)$	2	5	6	5	2



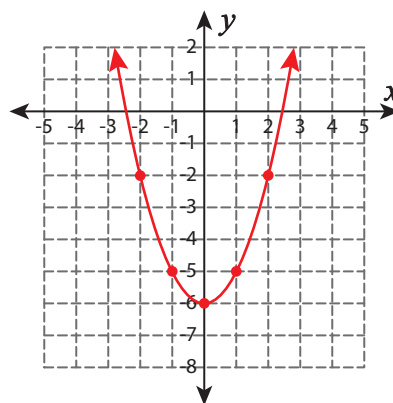
3)  $f(x) = 1 - (x - 2)^2$

$x$	0	1	2	3	4
$f(x)$	-3	0	1	0	-3



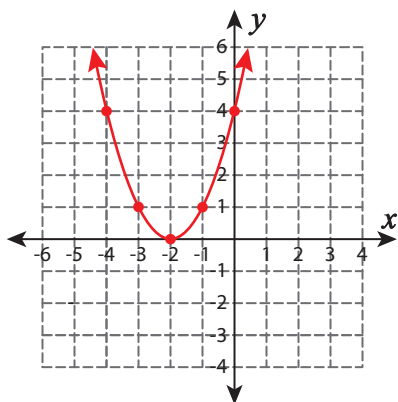
4)  $f(x) = x^2 - 6$

$x$	-2	-1	0	1	2
$f(x)$	-2	-5	-6	-5	-2



5)  $f(x) = (x + 2)^2$

$x$	-4	-3	-2	-1	0
$f(x)$	4	1	0	1	4



6)  $f(x) = 2x - x^2 + 1$

$x$	-1	0	1	2	3
$f(x)$	-2	1	2	1	-2

