

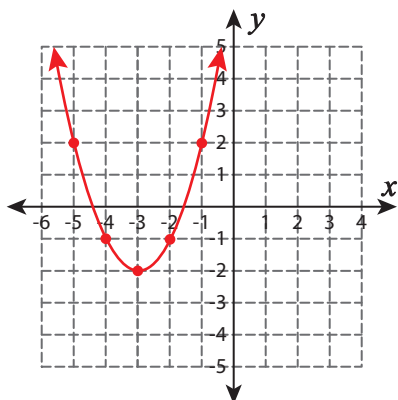
Graphing Quadratic Functions

Answer Key

Complete each table and sketch the graph.

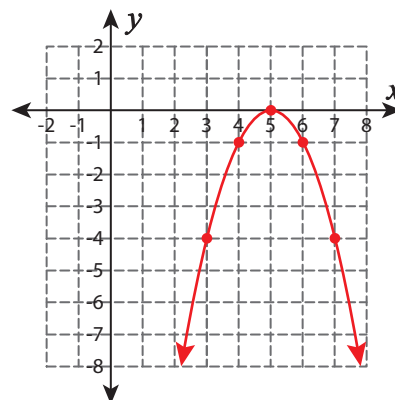
1) $f(x) = x^2 + 6x + 7$

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



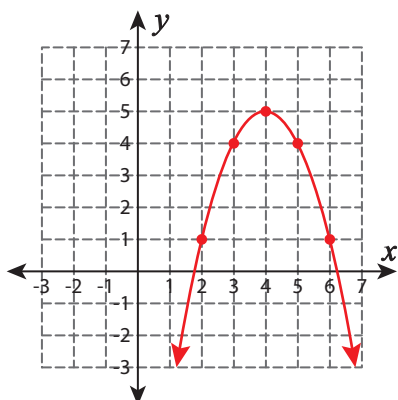
2) $f(x) = 10x - 25 - x^2$

x	3	4	5	6	7
$f(x)$	-4	-1	0	-1	-4



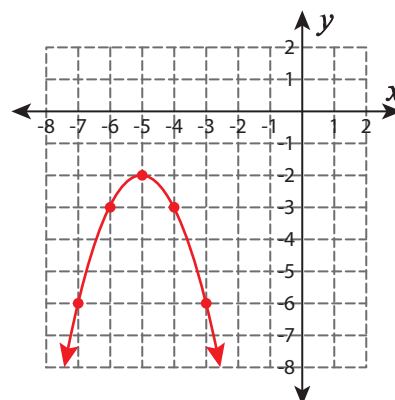
3) $f(x) = 8x - x^2 - 11$

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



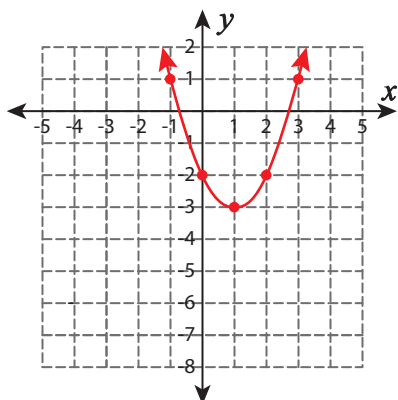
4) $f(x) = -2 - (x + 5)^2$

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



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

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



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

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

