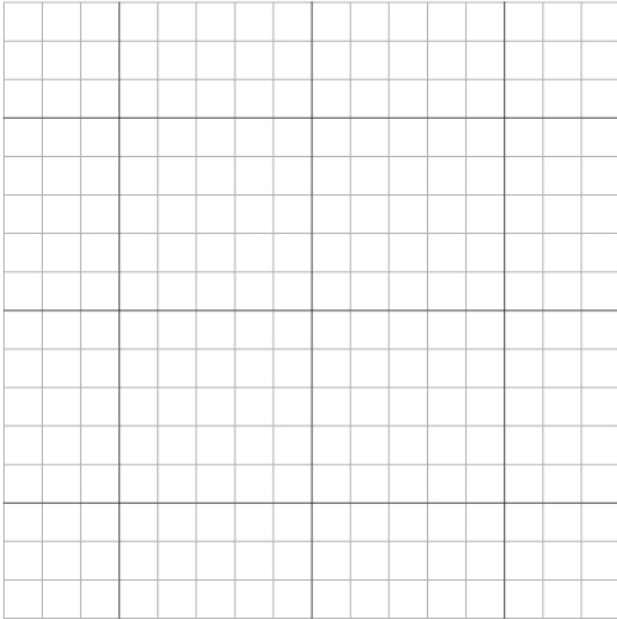


PLOTTING QUADRATIC GRAPHS WORKSHEET

Complete the table and sketch the graph of the given quadratic functions.

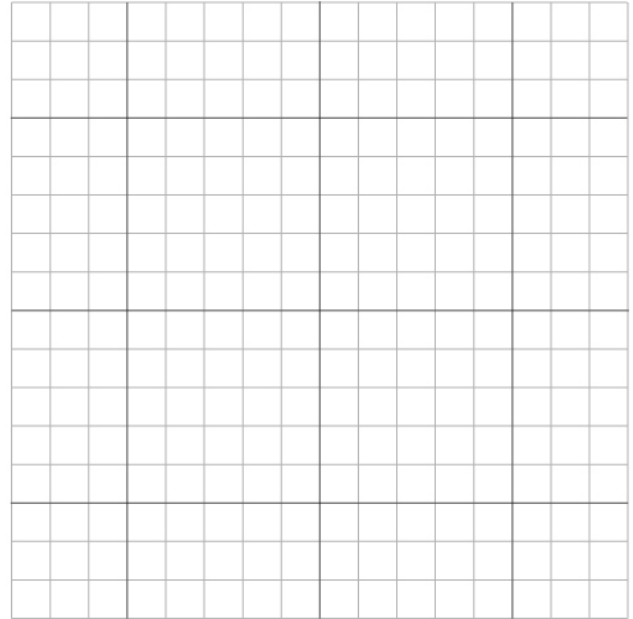
a) $f(x) = -x(x - 4)$

x	1	2	3	4	5
f(x)					



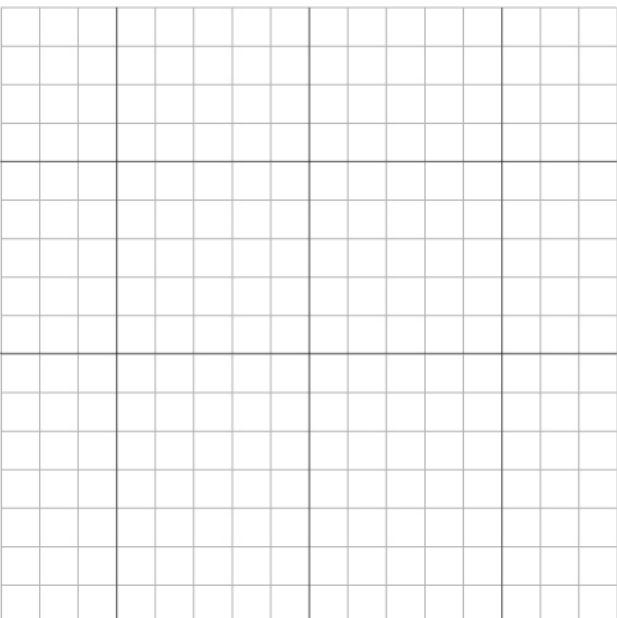
b) $f(x) = x^2 - 6$

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



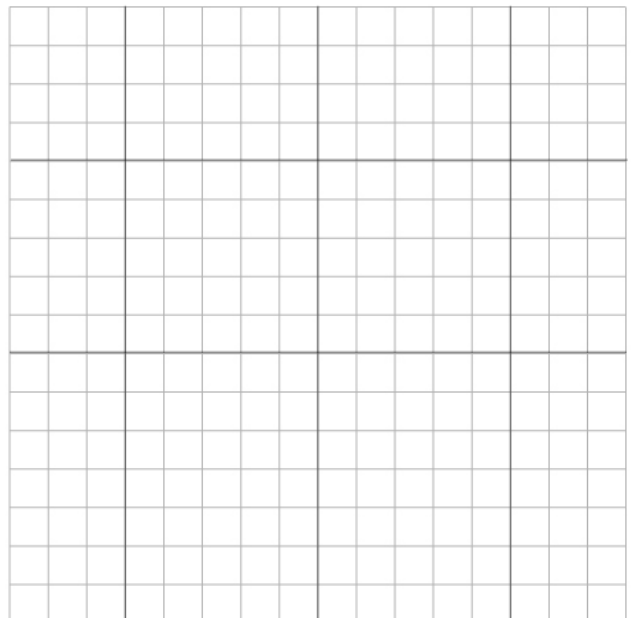
c) $f(x) = (x - 3)^2 + 3$

x	1	2	3	4	5
f(x)					



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

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

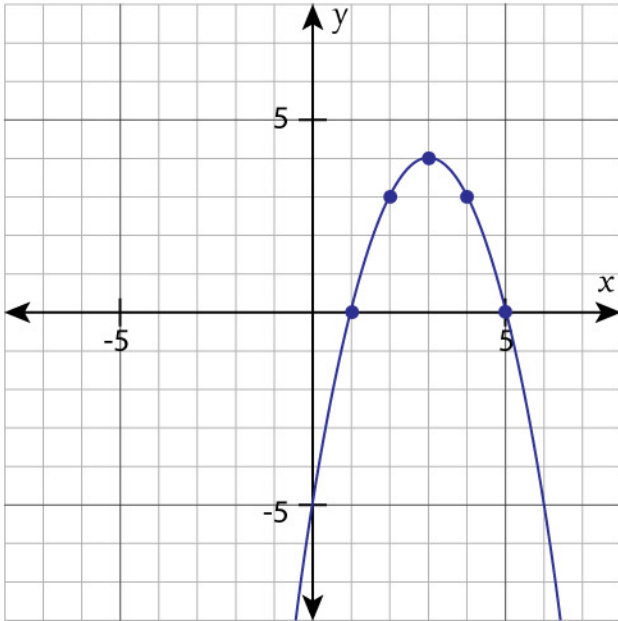


PLOTTING QUADRATIC GRAPHS WORKSHEET

Answers

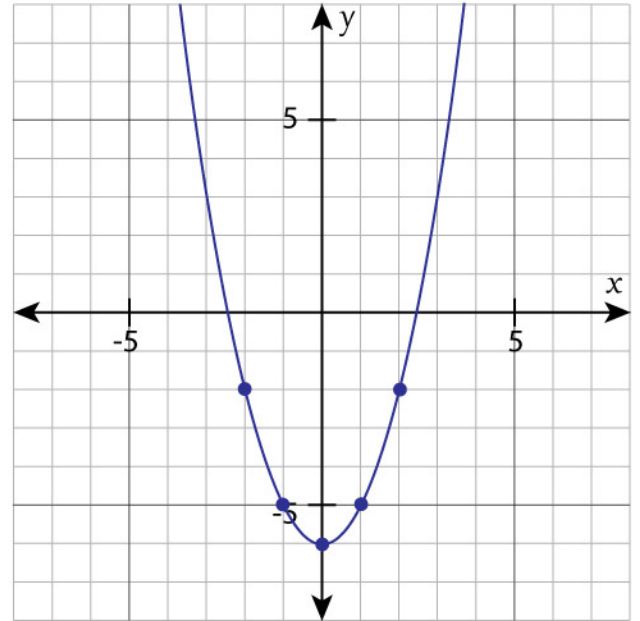
a) $f(x) = -x(x - 4)$

x	1	2	3	4	5
f(x)	0	3	4	3	0



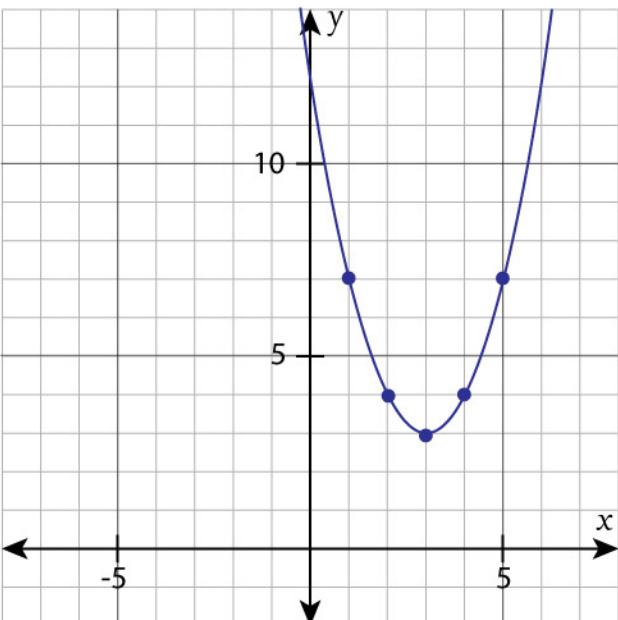
b) $f(x) = x^2 - 6$

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



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

x	1	2	3	4	5
f(x)	7	4	3	4	7



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

x	-2	-1	0	1	2
f(x)	10	4	2	4	10

