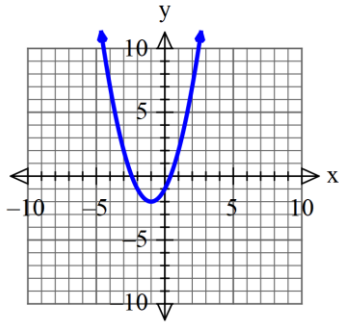


SM2 7.2 odd answers

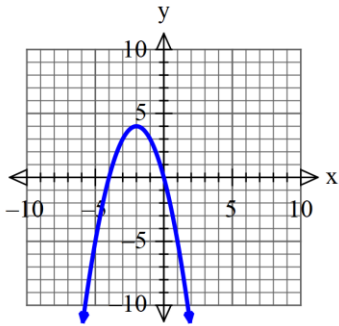
1. Vertex: $(-1, -2)$

Form: standard



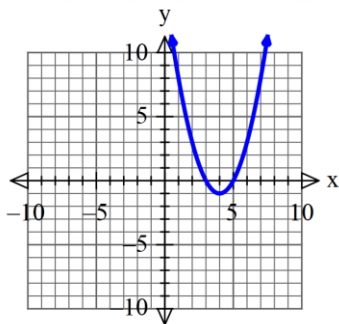
3. Vertex: $(-2, 4)$

Form: standard



5. Vertex: $(4, -1)$

Form: standard



7. Vertex: $(-3, 1)$

Axis of Symmetry: $x = -3$

Direction of Opening: up

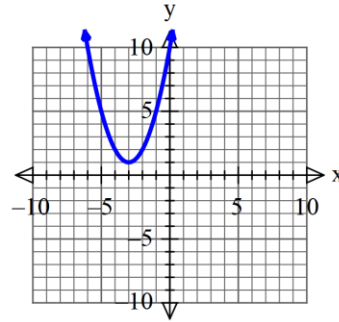
Vertex is a minimum

minimum value: 1

y-intercept: $(0, 10)$

Domain: $(-\infty, \infty)$

Range: $[1, \infty)$



9. Vertex: $(-2, 0)$

Axis of Symmetry: $x = -2$

Direction of Opening: down

Vertex is a maximum

Maximum value: 0

y-intercept: $(0, -2)$

Domain: $(-\infty, \infty)$

Range: $(-\infty, 0]$

