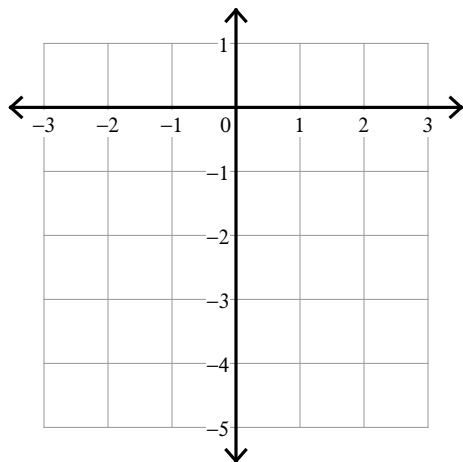


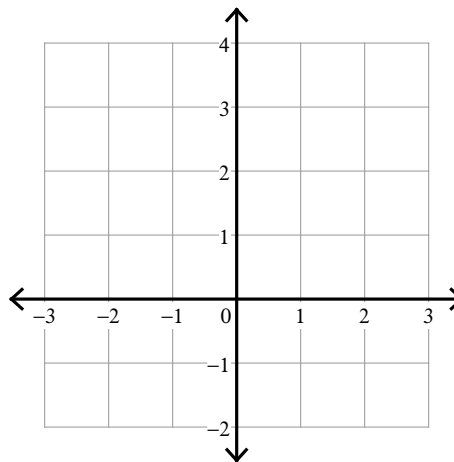
Graphing Quadratic Functions

Sketch the graph of each function.

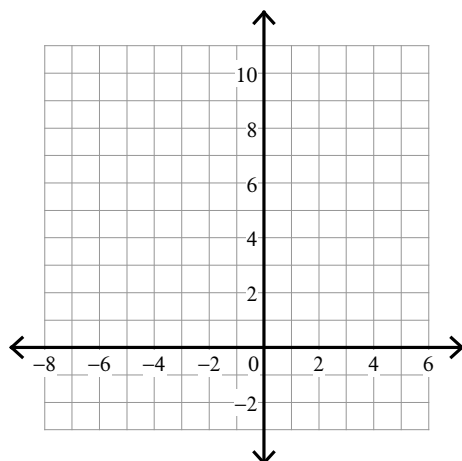
1) $y = -x^2$



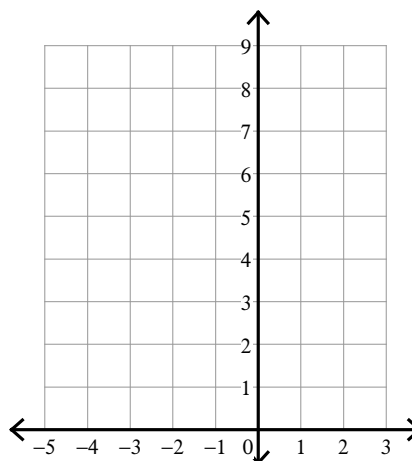
2) $y = \frac{1}{2}x^2$



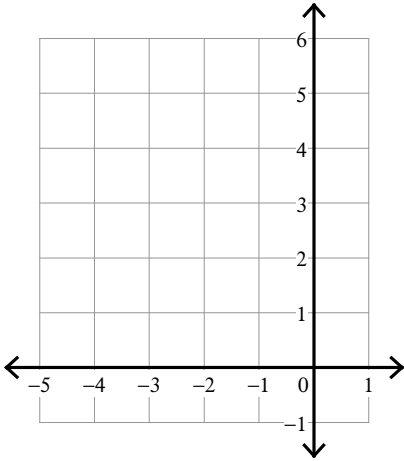
3) $y = 3x^2 + 6x + 1$



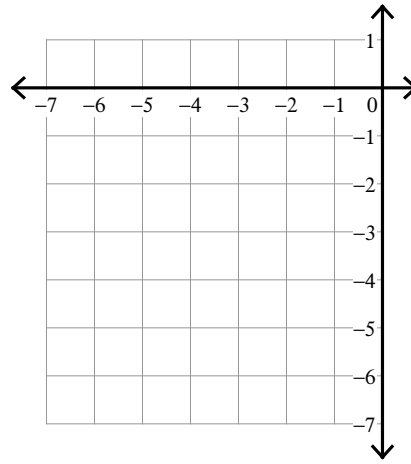
4) $y = x^2 + 2x + 5$



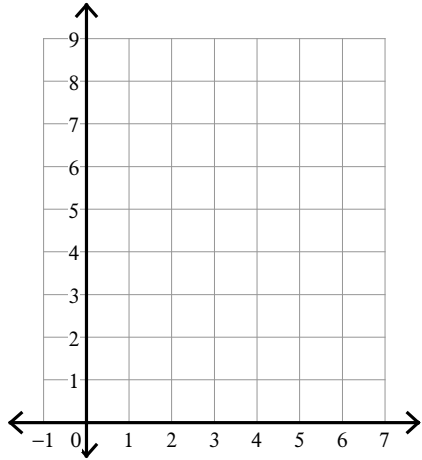
5) $y = \frac{1}{2}x^2 + 2x + 4$



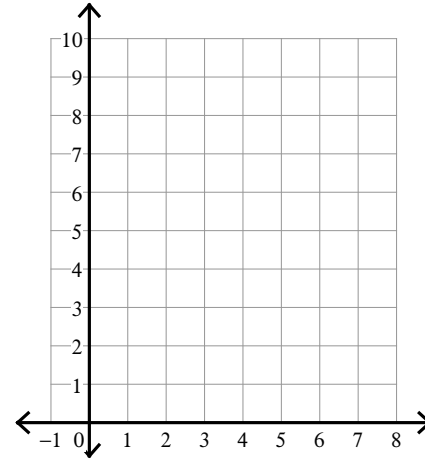
6) $y = -x^2 - 8x - 17$



7) $y = (x - 3)^2 + 4$



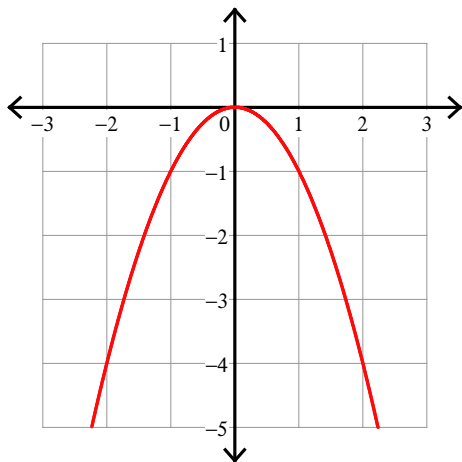
8) $y = 2(x - 4)^2 + 1$



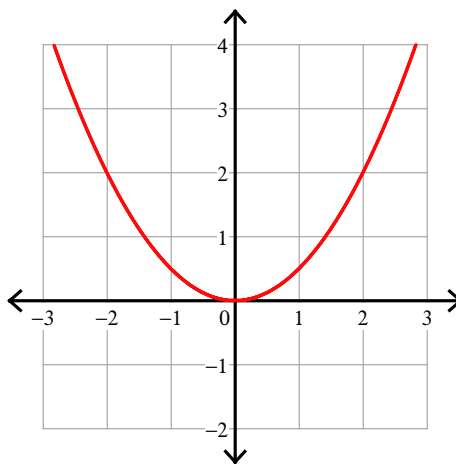
Graphing Quadratic Functions

Sketch the graph of each function.

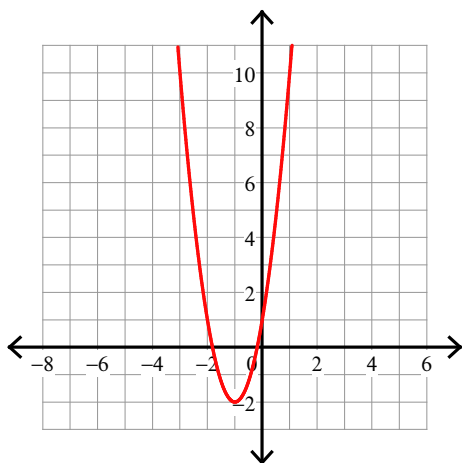
1) $y = -x^2$



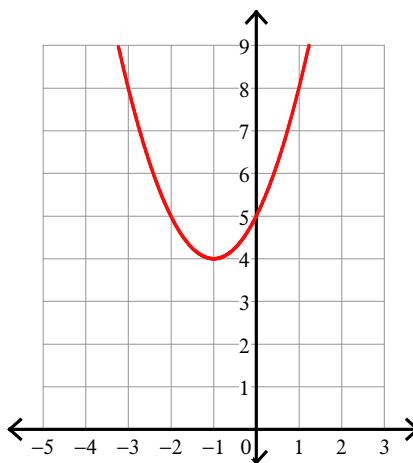
2) $y = \frac{1}{2}x^2$



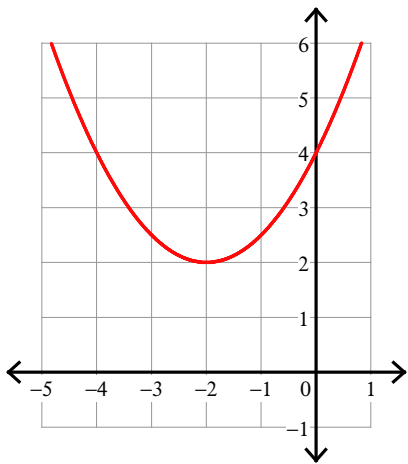
3) $y = 3x^2 + 6x + 1$



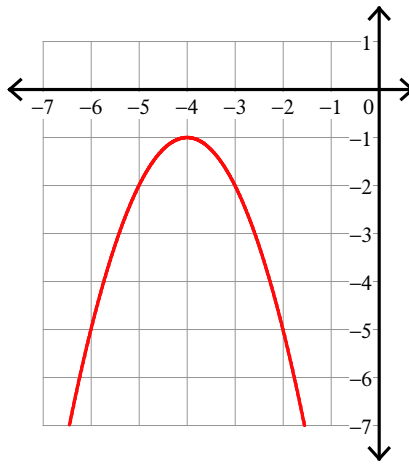
4) $y = x^2 + 2x + 5$



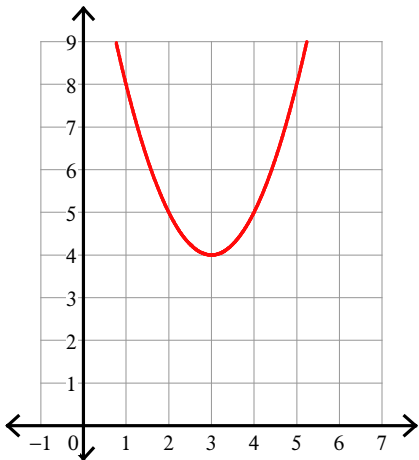
5) $y = \frac{1}{2}x^2 + 2x + 4$



6) $y = -x^2 - 8x - 17$



7) $y = (x - 3)^2 + 4$



8) $y = 2(x - 4)^2 + 1$

