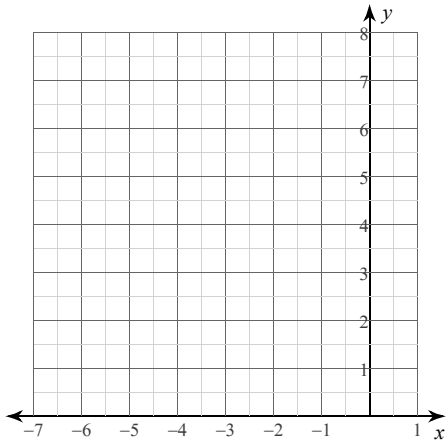


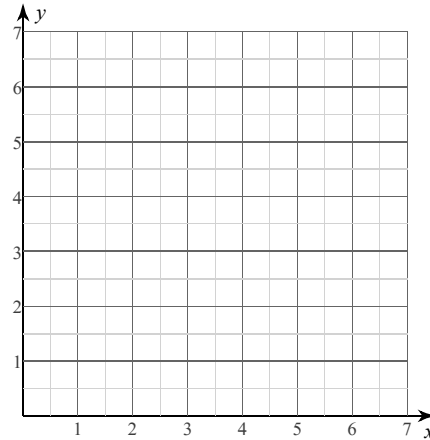
Graphing Parabolas

Sketch the graph of each function.

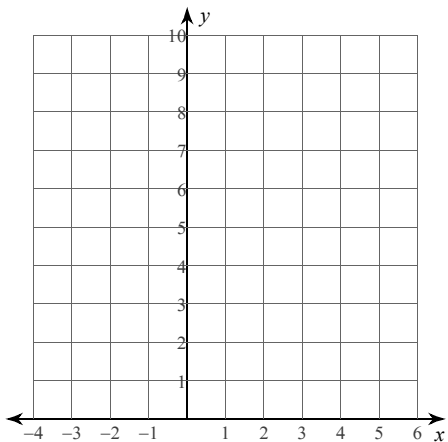
1) $y = x^2 + 6x + 12$



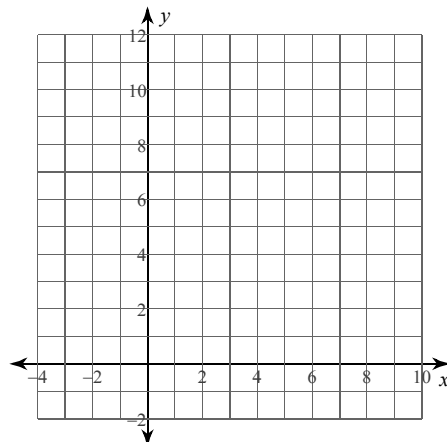
2) $y = \frac{1}{2}x^2 - 4x + 12$



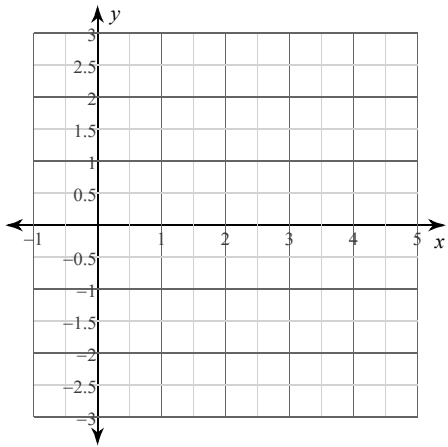
3) $y = 2x^2 - 12x + 19$



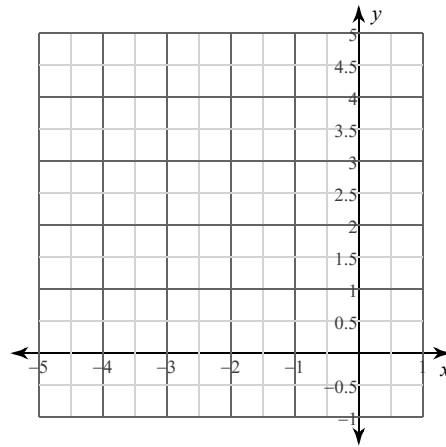
4) $y = 3x^2 - 18x + 26$



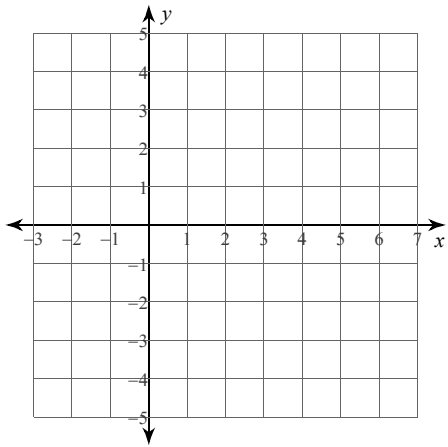
5) $y = -x^2 + 2x + 1$



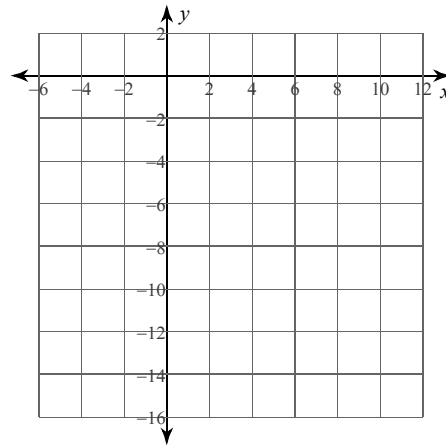
6) $y = -x^2 - 6x - 5$



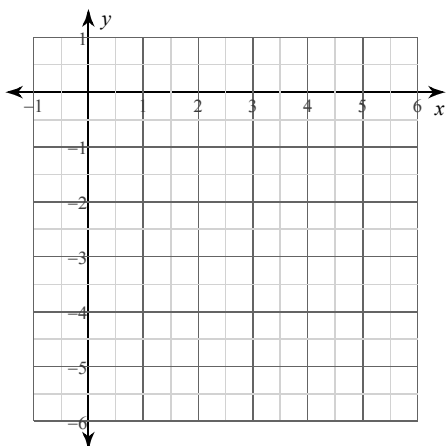
7) $y = -2x^2 + 4x + 2$



8) $y = -4x^2 - 8x - 3$



9) $y = -\frac{1}{2}x^2 + 4x - 10$



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

