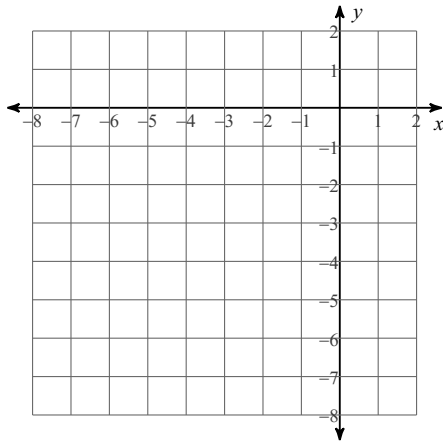


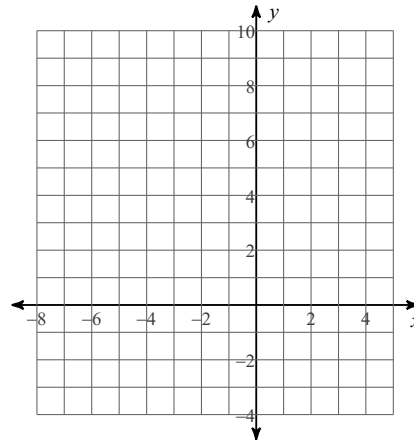
Graphing Quadratics

Sketch the graph of each function.

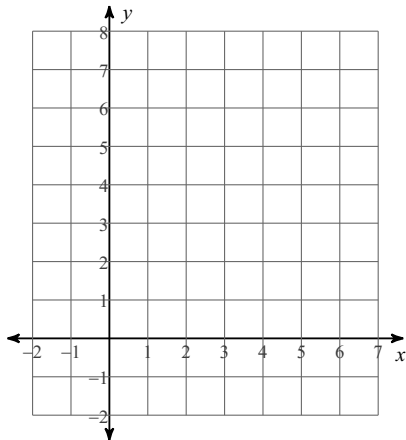
1) $y = -2x^2 - 4x - 1$



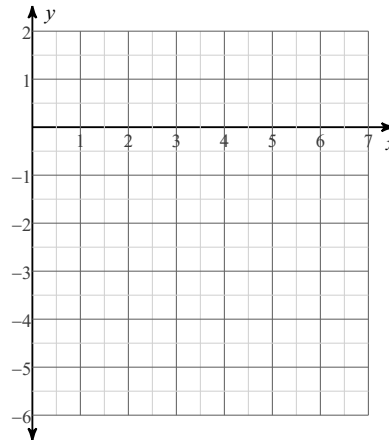
2) $y = 3x^2 + 24x + 45$



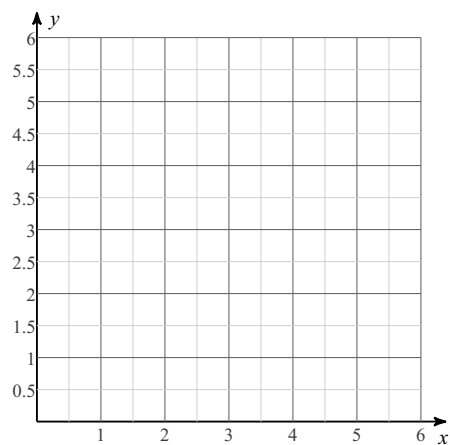
3) $y \leq 2x^2 - 16x + 31$



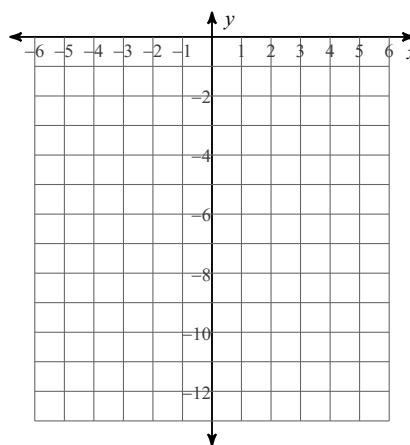
4) $y \leq x^2 - 8x + 12$



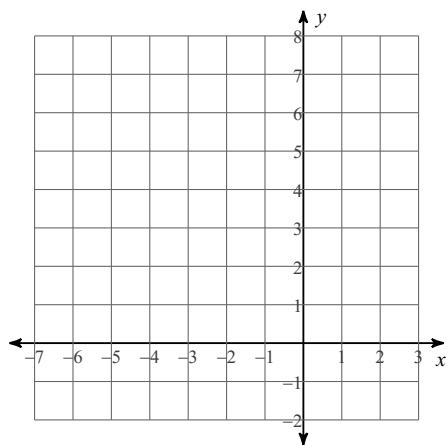
$$5) y = (x - 2)^2 + 1$$



$$6) y = -2(x - 3)^2 - 4$$



$$7) y > 2(x + 2)^2 - 1$$



$$8) y > -2(x - 1)^2 - 4$$

