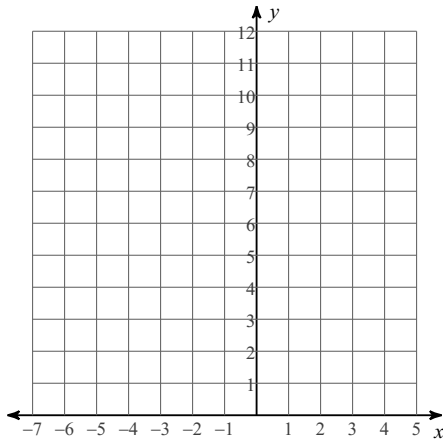


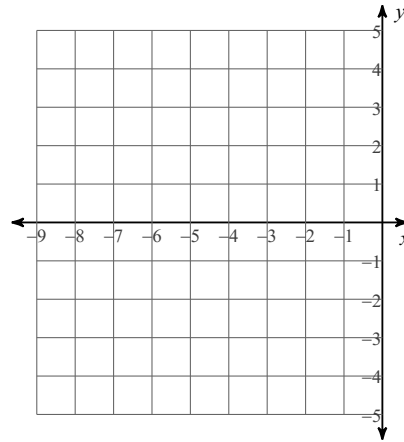
Section 2.2 Practice #2

Sketch the graph of each function. Graph the vertex and two other points

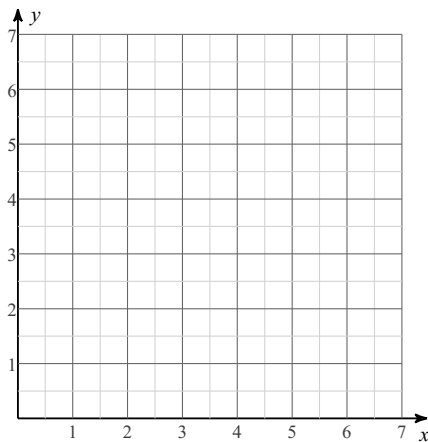
1) $y = 2x^2 + 4x + 5$



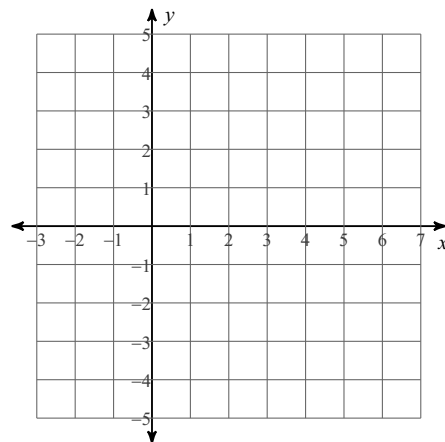
2) $y = 2x^2 + 16x + 28$



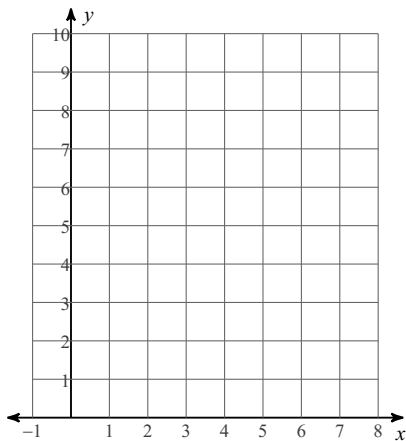
3) $y = x^2 - 8x + 18$



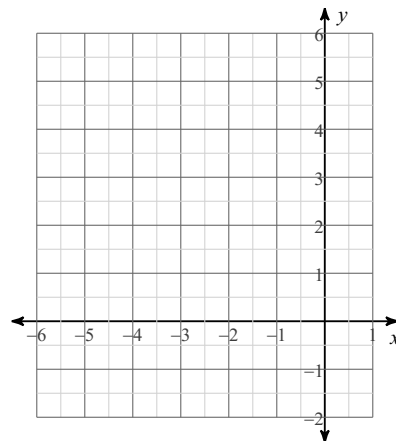
4) $y = -2x^2 + 8x - 4$



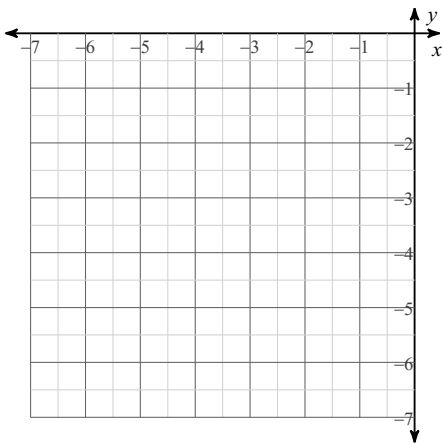
5) $y = 2x^2 - 16x + 33$



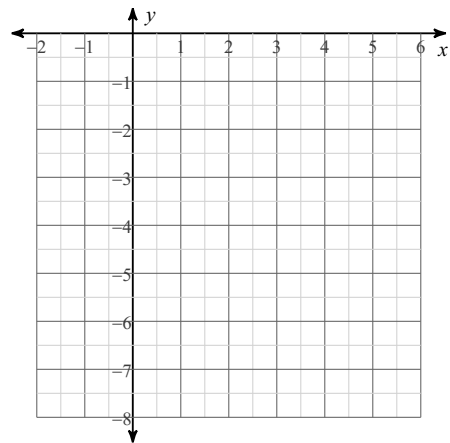
6) $y = -x^2 - 8x - 12$



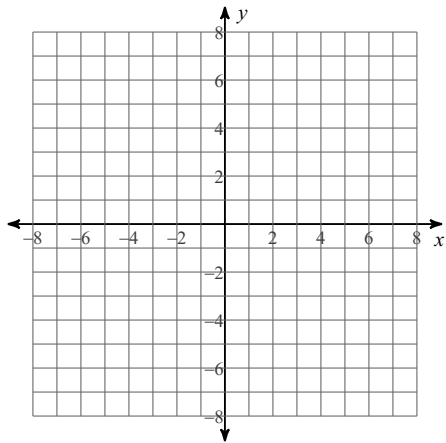
7) $y = -(x + 4)^2 - 2$



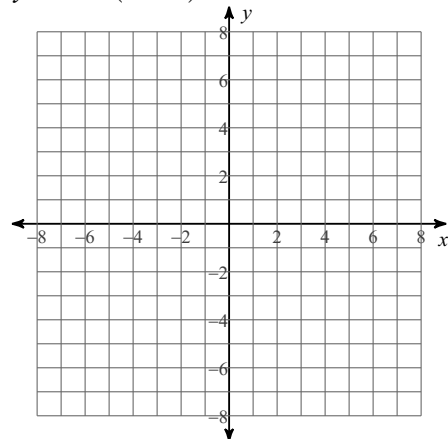
8) $y = -(x - 2)^2 - 3$



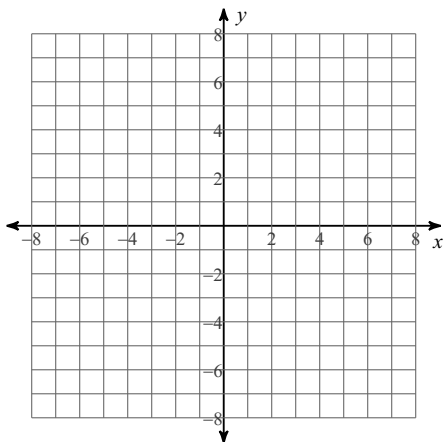
9) $f(x) = \frac{1}{2}(x - 3)(x + 5)$



10) $y = -2x(x - 2)$



11) $f(x) = \frac{1}{4}(x - 5)(x + 5)$



12) $f(x) = -(x + 2)(x - 6)$

