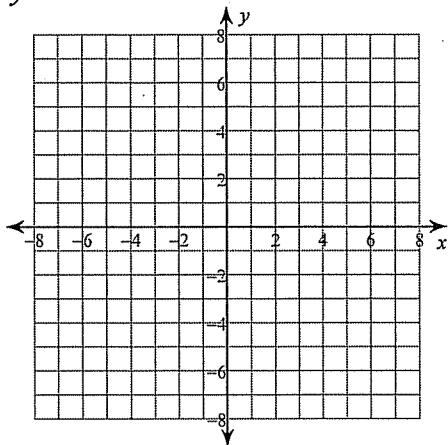


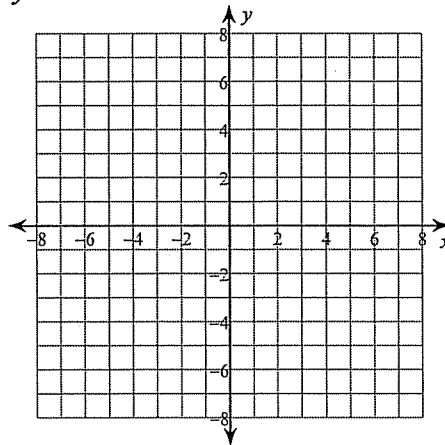
Practice 4.1

Solve each quadratic equation by graphing.

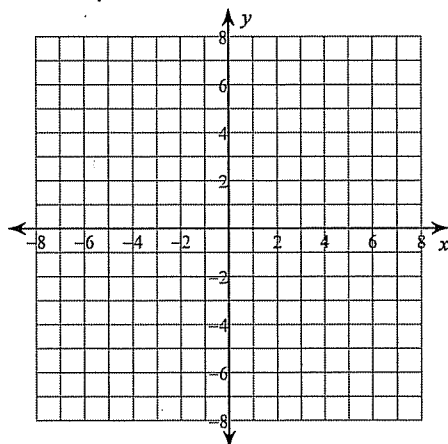
1) $y = x^2 - 4$



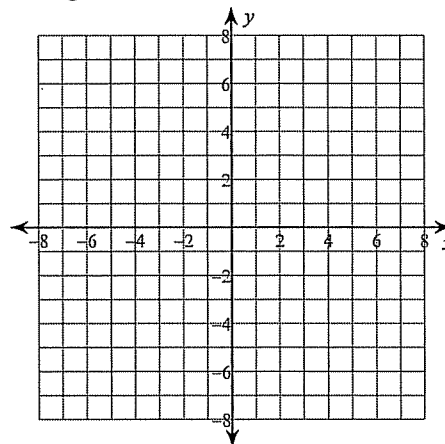
2) $y = 2x^2$



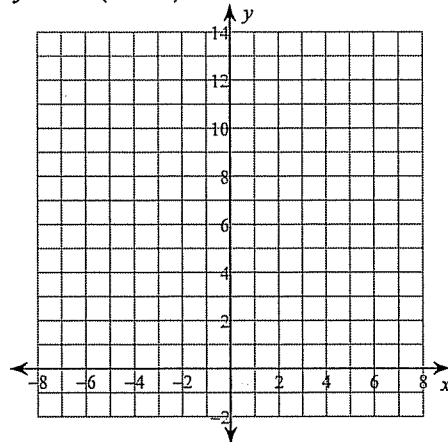
3) $y = -\frac{1}{4}x^2 - 1$



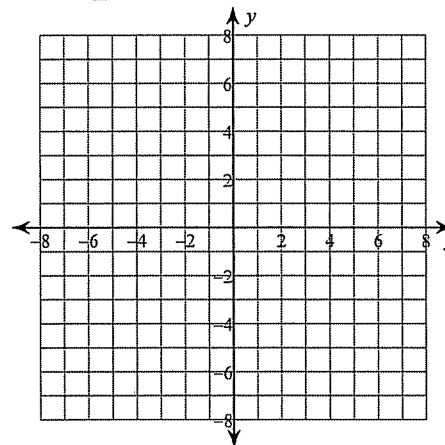
4) $y = \frac{1}{3}(x+3)^2 - 3$



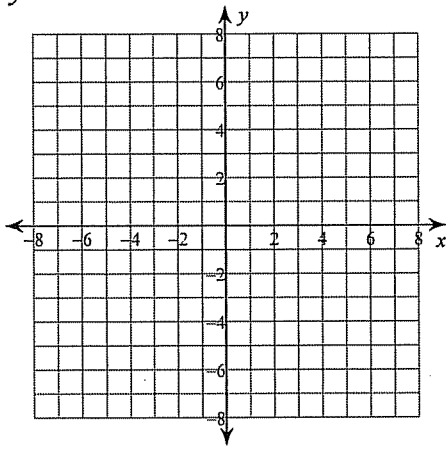
5) $y = -3(x+2)^2 + 12$



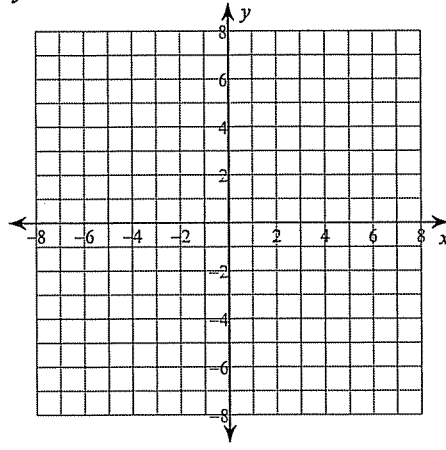
6) $y = -\frac{1}{2}(x-2)^2 + 2$



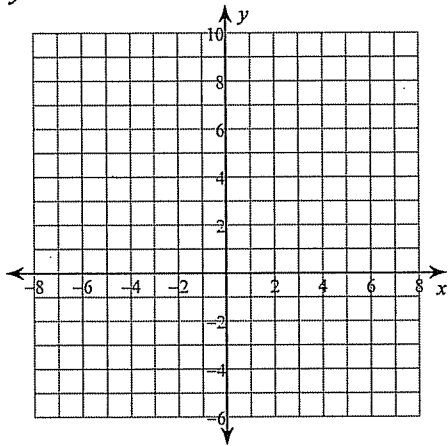
$$7) y = x^2 + 2x + 1$$



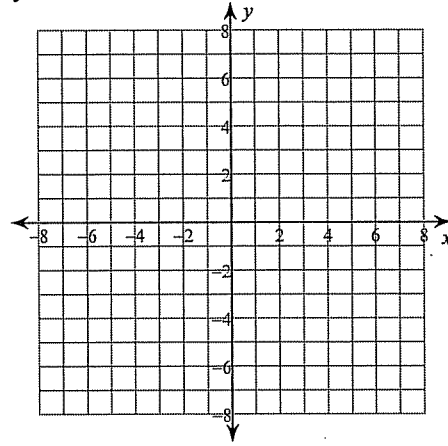
$$8) y = x^2 - 2x - 3$$



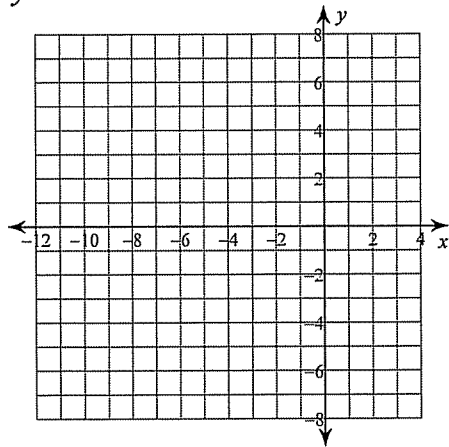
$$9) y = -x^2 - 8x - 7$$



$$10) y = 2x^2 - 20x + 48$$



$$11) y = 4x^2 + 56x + 197$$



$$12) y = \frac{1}{5}x^2 - \frac{6}{5}x + \frac{9}{5}$$

