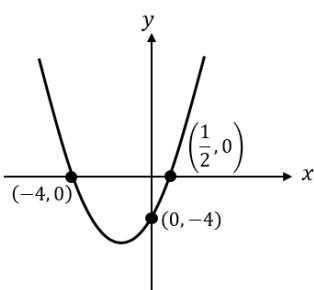


Finding Quadratic Equations from their Graph

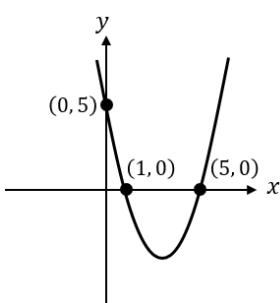
(a)



$$y = 2(x + 1)(x - 3)$$

$$y = 2x^2 - 4x - 6$$

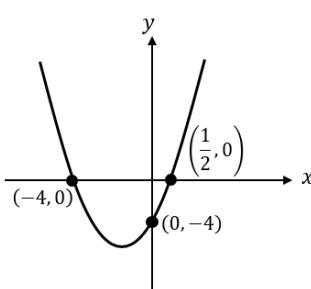
(b)



$$y = (x - 1)(x - 5)$$

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

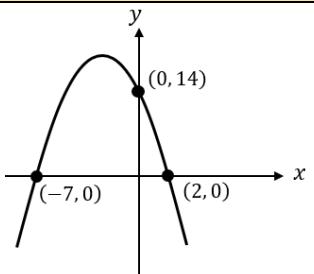
(c)



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

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

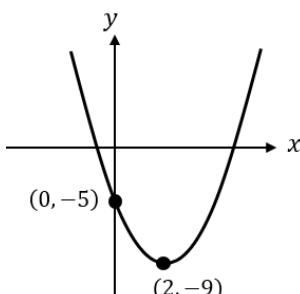
(d)



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

$$y = 14 - 5x - x^2$$

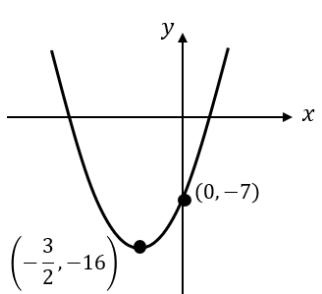
(e)



$$y = (x - 2)^2 - 9$$

$$y = x^2 - 4x - 5$$

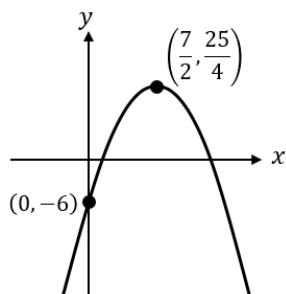
(f)



$$y = 4\left(x + \frac{3}{2}\right)^2 - 16$$

$$y = 4x^2 + 12x - 7$$

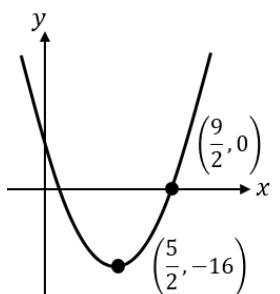
(g)



$$y = \frac{25}{4} - \left(x - \frac{7}{2}\right)^2$$

$$y = -x^2 + 7x - 6$$

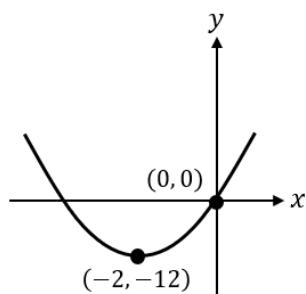
(h)



$$y = -\left(x - \frac{5}{2}\right)^2 - 16$$

$$y = 4x^2 - 20x + 9$$

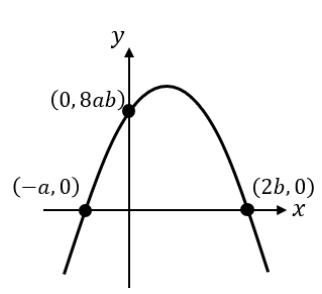
(i)



$$y = 3x(x + 4)$$

$$y = 3x^2 + 12x$$

(j)



$$y = -4(x + a)(x - 2b)$$

$$y = 8ab - 4ax + 8bx - 4x^2$$