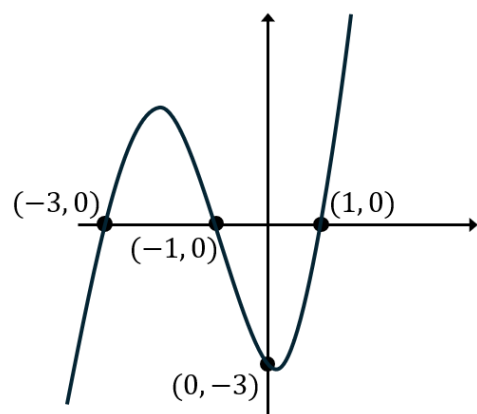


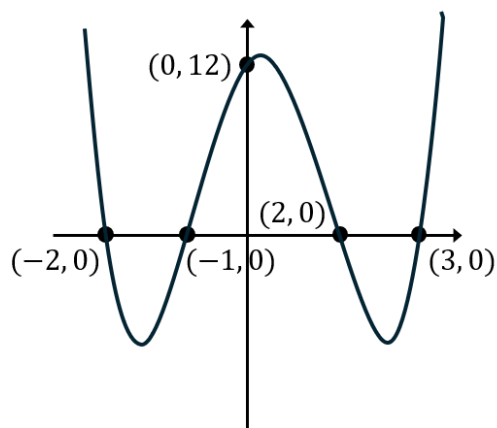
Finding Equations of Cubics and Quartics from their Graphs

(a)



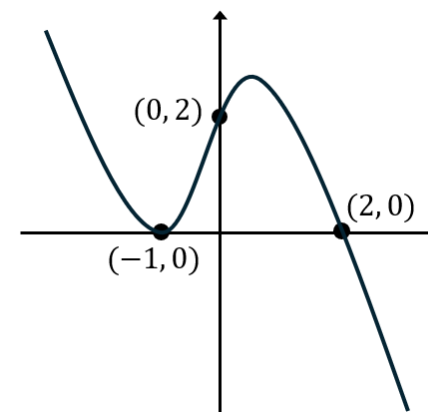
$$y = (x + 3)(x + 1)(x - 1)$$

(b)



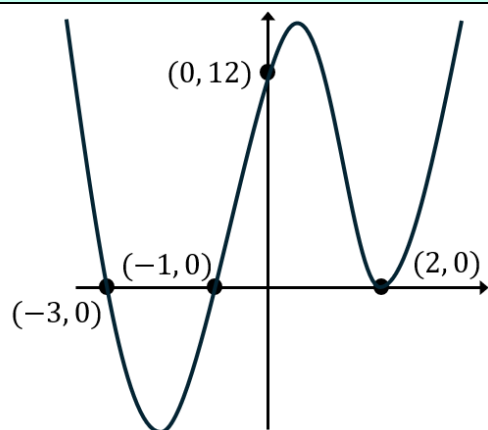
$$y = (x + 2)(x + 1)(x - 2)(x - 3)$$

(c)



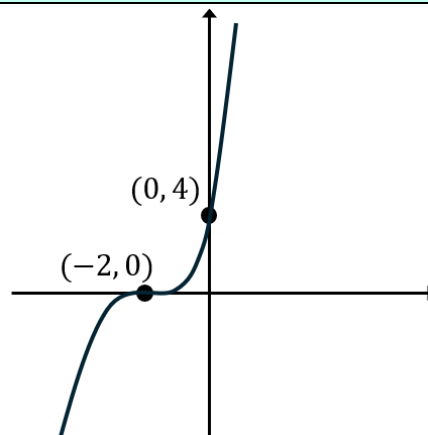
$$y = (2 - x)(x + 1)^2$$

(d)



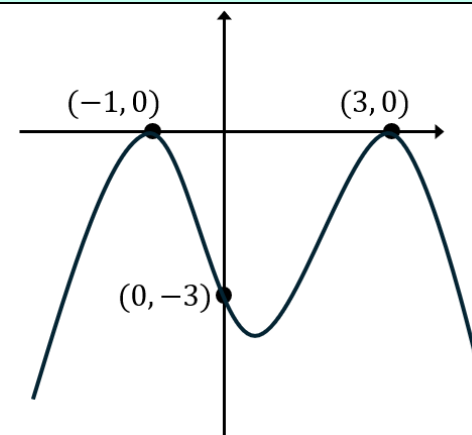
$$y = (x + 3)(x + 1)(x - 2)^2$$

(e)



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

(f)



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