# Equation of Line (Use Intercepts)

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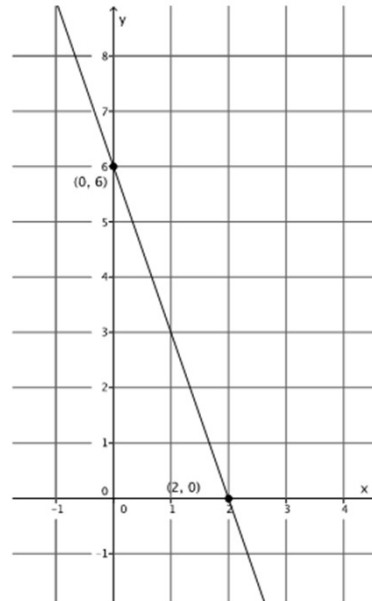
$$9(0) + 3y = 18$$
$$3y = 18$$
$$y = 6$$

*The y-intercept point is $(0, 6)$.*

$$9x + 3(0) = 18$$
$$9x = 18$$
$$x = 2$$

*The x-intercept point is $(2, 0)$.*



2.  Graph the equation: $2x - 4y = 12$.

$$2(0) - 4y = 12$$
$$-4y = 12$$
$$y = -3$$

*The y-intercept point is $(0, -3)$.*

$$2x - 4(0) = 12$$
$$2x = 12$$
$$x = 6$$

*The x-intercept point is $(6, 0)$.*



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