# 5.1b Notes – Graphing by Solving for y

When we graph, we want the equation in the form$ y=mx+b$.

How can we graph the equation$ 3y=6x-12 $?



What is a solution for $ y=\frac{1}{2}x+3 $and $3x+y=-4$?



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| Ex #1: Solve these systems by graphing: | Ex #2: Solve these systems by graphing: |

$$y=2x+1$$

$$-2x+y=1$$