**Systems with Equations in Different Forms**

For each system of equations: (1) graph the equations by hand to find the point of intersection and (2) rewrite the equations in slope-intercept form and use a graphing calculator to find the point of intersection.

1. $x+y=8$ 2. $2x+y=1$

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



Equations in Slope-Intercept Form: Equations in Slope-Intercept Form:

Solution: Solution:

3. $2x-y=8$ 4. $y-3=2(x+1)$

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



Equations in Slope-Intercept Form: Equations in Slope-Intercept Form:

Solution: Solution: