

For each of the following:

- find the slope between the two points,
- write the equation in point-slope form (you need to memorize this!!!)
- change point-slope form to slope-intercept form.

| Points | Slope | Point-slope form | Slope-intercept form |
|----------------------|-------|------------------|----------------------|
| (10, 2) and (-2, -4) | | | |
| (1, 5) and (3, -7) | | | |
| (2, 3) and (-1, -1) | | | |

Find the equation from each graph. BUT you may NOT GUESS the y-intercept!!!

Instead, use $y - y_1 = m(x - x_1)$ to find the equation of the line.

