Rewriting Equations in Slope-Intercept Form

*To write an equation in slope-intercept form, you need to **isolate** y!*

Example:
Rewrite the equation 4x – 2y = 12 in slope-intercept form.

$$4x - 2y = 12$$
$$\underline{-4x \qquad\quad -4x}$$
$$-2y = -4x + 12$$
$$\frac{-2}{-2} \quad \frac{}{-2} \quad \frac{}{-2}$$
$$\boxed{y = 2x - 6}$$

1. Subtract 4x from each side to isolate y.
2. Simplify.
3. Divide each term by -2 to get y by itself.
4. Simplify.

Rewrite each of the following equations in slope-intercept form. Show each step!

1. $-2x + y = 1$	2. $0.4y + 0.8x = 1.2$
3. $\dfrac{1}{4}y + 3 = -5x$	4. $-3y + 2x = 9$
5. $2y = -1x + 8$	6. $y - 1 = \dfrac{2}{3}(x + 3)$

How did you do? Circle one.