Homework: Converting Equations Into Slope-Intercept Form

Unit 3 Day 10 $y = mx + b$

Write each equation in slope-intercept form.

1. $\dfrac{8x}{4} + \dfrac{3}{4} = \dfrac{4y}{4}$ $2x + \dfrac{3}{4} = y$	2. $-3x - 5y = 10$	3. $-5y = -10x + 15$	4. $4x + 3y = 0$
Slope-intercept form: $y = 2x + \dfrac{3}{4}$	Slope-intercept form: _____	Slope-intercept form: _____	Slope-intercept form: _____
5. $2y - 2y + 5 = 0$ $\quad -2x \qquad -2x$ $\overline{\quad\quad\quad\quad\quad}$ $-2y + 5 = -2x$ $\quad\; -5 \qquad -5$ $\overline{\quad\quad\quad\quad\quad}$ $\dfrac{-2y}{-2} = \dfrac{-2x}{-2} - \dfrac{5}{-2}$ $y = 1x + \dfrac{5}{2}$	6. $2x - 3y = 9$	7. $x + y - 2 = 0$	8. $2x - 6y = 12$
Slope-intercept form: $y = x + \dfrac{5}{2}$	Slope-intercept form: _____	Slope-intercept form: _____	Slope-intercept form: _____