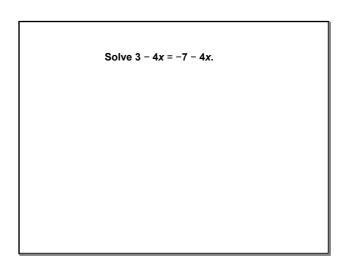


$$4(3x - 8) = 2(6x + 4)$$

$$12/x - 32 = 12/x + 8$$

$$-4/2 = 8$$



Solve the equation. 4. 2x + 1 = 2x - 15. $\frac{1}{2}(6x - 4) = 3x - 2$ 34 2 34 2 34 - 2

Write an equation, then solve for the variable.

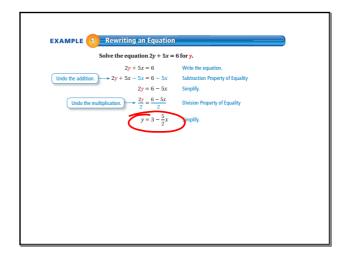
You and your friend work for two separate teachers. Mr. Hagen pays your friend \$20.00 to start and \$0.50 for each paper they grade. Mr. Hildebrandt pays you \$10.00 to start and \$0.75 for each paper you grade. How many papers, p, must you grade to make the same amount of money as your friend?

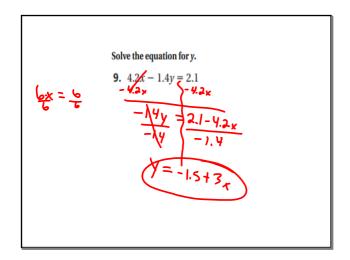
1.4 - Rewriting Equations and Formulas

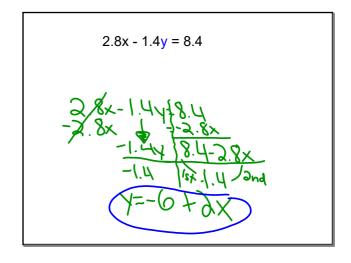
Objectives:

Use addition, subtraction, multiplication, and division to rewrite equations.

Rewrite equations to solve for one variable in terms of the other variable







Solve the equation for y.			
1. $2x + y = -9$	2. $4x - 10y = 12$	3. $13 = \frac{1}{6}y + 2x$	

Rewrite the equation in terms of y. 2x + 5y = 6

Pg. 24 # 18, 19, 21, 24, 27
Pg. 30 # 5, 6, 7, 41, 12, 13