Prealgebra ~ Lesson 28

Work the following examples as you listen to the recorded lecture.

Solving Equations Containing Fractions

Hint: Clear the fractions by multiplying each term by the LCD.

Remember: Equations contain an equal sign!!!

Solve the following equations:

Example 1:		Example 2:
$x + \frac{1}{x} = -$	_ 7	$\frac{x}{x} - x = -8$
$\frac{1}{9}$	9	5 x = 0

Example 3:	Example 4:	
$\frac{x}{1} + 2 - \frac{7}{7}$	1 3 x	
$\frac{x}{3} + 2 = \frac{7}{3}$	$\frac{1}{2} - \frac{1}{5} - \frac{1}{10}$	

Example 5: $\frac{3}{8}x = \frac{1}{2}$