

**Prealgebra ~ Lesson 34**

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

**Solving Equations Containing Decimals**

*Hint: Multiply each term by a power of 10 to clear the decimals in an equation.*

Solve:

Example 1:  
 $0.7x + 0.1 = 1.5$

Example 2:  
 $3y = 7t + 24.4$

Example 3:  
 $1.5x + 2 - 1.2x = 12.2$

Example 4:  
 $2x - 4.2 = 8.6$

Example 5:  
 $y - 3.6 = 4$

Example 6:  
 $-0.02x = -1.2$