

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:

$$-0.02x = -1.2$$