Section 1.5  Solve for a term in an equation:

**Example 1**

Solve for "y"

\[ 2x + 3y = 4 \]

\[ -2x \quad -2x \]

\[ 3y = 4 - 2x \]

\[ \frac{3y}{3} = \frac{4 - 2x}{3} \]

\[ y = \frac{4 - 2x}{3} \]

\[ y = mx + b \]

Let's put \[ y = \frac{4 - 2x}{3} \]

\[ y = \frac{4}{3} - \frac{2}{3}x \]

\[ y = -\frac{2}{3}x + \frac{4}{3} \]

**Homework #31**  Solve for "v"

\[ uv + vw = x \]

\[ v(u+w) = x \]

\[ \frac{v(u+w)}{(u+w)} = \frac{x}{(u+w)} \]

\[ v = \frac{x}{(u+w)} \]