

$$\textcircled{1} \quad \overset{2}{30} \cdot \frac{1}{15} x - 3 \cdot \overset{30}{30} = \frac{2x \cdot \overset{6}{30}}{5} + \frac{1 \cdot \overset{5}{30}}{6} \quad \text{LCD} = 30$$

$$2x - 90 = 12x + 5 \quad \text{Clear the fractions}$$

-12x

$$-10x - 90 = 5$$

+90

$$\frac{-10x}{-10} = \frac{95}{-10}$$

$$x = \frac{-95 \div 5}{10 \div 5} = -\frac{19}{2}$$

Solve for x:

$$\textcircled{2} \quad \begin{array}{c} 3 * \\ -3 * \end{array} + x \oslash = \begin{array}{c} \square \\ -3 * \end{array}$$

$$\frac{x \oslash}{\oslash} = \frac{\begin{array}{c} \square \\ -3 * \end{array}}{\oslash}$$

$$x = \frac{\begin{array}{c} \square \\ -3 * \end{array}}{\oslash}$$

webwork

$$\left( \begin{array}{c} \square \\ -3 * \end{array} \right) / \oslash$$

3

30% markup  
ending price \$120

$A = P \cdot B$ ? we don't know A or B

How much does the bookstore pay the publisher?

Let  $x$  = original price from the publisher

$$1.00x + .30x = 120$$

$$\frac{1.30x}{1.30} = \frac{120}{1.30}$$

$$x = \$92.31$$