7.1 One-Step Equations (review)

## Math 9

## **Review of One-Step Equations**

Solve each equation. Show how you are isolating the variable.

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$$4 \cdot 2x = \frac{3}{4} \cdot 4$$

$$5 \cdot \frac{m}{3} = -\frac{2 \cdot 3}{5} \cdot \frac{m}{2} = -\frac{2}{15} - 2\frac{1}{2}k = -3\frac{1}{2}$$

$$8x = 3$$

$$3 \cdot 8 \cdot 8 \cdot 8$$

$$x = \frac{3}{8}$$

$$2 \cdot \frac{3}{8} = \frac{6}{15} = \frac{3}{15} \cdot 6$$

$$3 \cdot 3x = -\frac{2}{3} \cdot 3$$

$$4x = -\frac{2}{3} \cdot$$

For each scenario, write an equation and then solve it.

Student Council raised \$492 in a bake sale. If each item cost \$3, how many were sold?

164 items were sold

Winter Warehouse is selling mitts at 30% off the regular price. If the sale price is \$34.99, what is the regular price of the mitts?

- you are paying 70% of the regular price 0.7p = 34.99÷0.7 ÷0.7 p = 49.99

The regular price is \$49.99.

Assignment: p.301 #6 - 9, 12, 18, 19, 23