## Sec 2-3: Solving Multi-Step Equations

- Eliminate parentheses from the problem
  - Distributive Property
  - Division (if possible)
- Combine like terms that are on the same side of the = sign
- Undo Addition or Subtraction
- Undo Multiplication or Division

## Due Monday Hwk #9

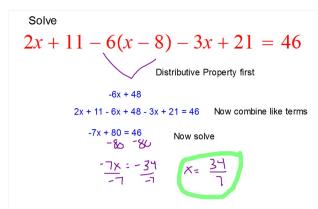
Pages 91-93

Problems 8, 10, 14, 16, 40, 52, 54, 57, 61, 66

## **Due Tuesday**

First 3 sheets from Eq Solving Packet

- 1-step
- 2-step
- Multi-Step



## Equation solving quiz.

Work on these after the your quiz.

Simplify each.

1. 
$$-\frac{5}{3}x \cdot 18$$

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 2.  $\frac{5}{8} + \frac{1}{6} - \frac{7}{9}$ 

Solve.

3. 
$$5 - \frac{2}{7}b = -3$$

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 4.  $\frac{3}{11} + \frac{2}{11}A = \frac{13}{11}$ 

5. 
$$\frac{13}{6} + \frac{5}{6}b = -2$$

Simplify each.

1. 
$$-\frac{5}{3}x \cdot 18$$

$$= \left(-\frac{5}{3} \cdot \sqrt{8}\right) \cdot \chi$$

$$2.\frac{9}{9} \cdot \frac{5}{8} + \frac{121}{126} - \frac{7}{9} \cdot \frac{8}{8}$$

$$\frac{45}{72} + \frac{72}{72} - \frac{51}{72} = \boxed{\frac{1}{72}}$$