

Name _____ Class Period _____

Solving Two-Step Equations

Warm up: Use the distributive property to simplify the expression.

$$8(x + 3)$$

Solve the following for the variable, check your answer. Show your work!!

1. $6x + 8 = 44$

CHECK: _____

2. $14y - 14 = 28$

CHECK: _____

3. $\frac{m}{7} + 3 = 12$

CHECK: _____

4. $\frac{v}{-8} - 6 = 8$

CHECK: _____

5. $\frac{a-7}{6} = 2$

CHECK: _____

6. Two years of local internet service costs \$685, including the installation fee of \$85.
What is the *monthly fee*?

Define your variable: _____

Write an equation: _____

Solve: