Solve AND check:

Warm Up

3.
$$-9g = -36$$
 $-9 - 9$
 $+9 = 4$

$$4. \frac{f}{3} = -27$$

$$f = -81$$

$$-\frac{81}{3} = -27$$

$$-27 = -27$$

Solving Two Step Equations

Solve Two-Step Equations

- Solve <u>equations</u>y applying the <u>inverse</u> operation.
- *To Isolate the variable, always undo addition and subtraction before multiplication and division.

Example:

$$5x + 8 = 23$$

$$-8 - 8$$

$$5x = 15$$

$$5x = 3$$

$$x = 3$$

$$5x + 8 = 23$$

$$5 + \frac{y}{8} = -3$$

$$11 = 2b + 17$$

$$-17$$

$$-19 = -20$$

$$5 + \frac{y}{8} = -3$$

$$-3 = 20$$

$$5 + \frac{y}{8} = -3$$

$$-3 = 20$$

$$5 - \frac{y}{4} = 28$$

$$15 - \frac{w}{4} = 28$$

