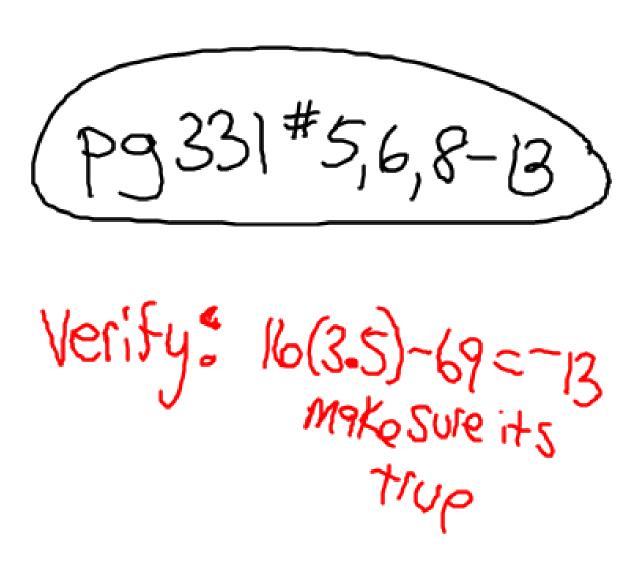## STEPS TO BALANCING AN EQUATION

• Add or Subtract the same value from both sides.
• Divide every term by the same value. (never divide by zero)

$$16t - 69 = -13$$
$$+69 \quad +69$$

$$\frac{16t}{16} = \frac{56}{16}$$

$$t = 3.5$$

It can be inconvenient to model an equation using algebra tiles when large numbers are involved, or when the solution is a fraction or a decimal.

Pg 331 #5,6,8-13

Verify: $16(3.5) - 69 = -13$
make sure its true

VERIFY THE SOLUTION