Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block:\_\_

Solving Decimal Equations

When solving equations, you must use the **inverse operation** to help you isolate the variable and find its value. Remember, **whatever you do to one side, you must do to the other.** Show ALL work and CHECK your answers.

Ask yourself: *Self, what operation is happening here? What is the* ***inverse of that?***

Example:



Complete these practice problems. Solve for the variable. Check your work.

|  |  |
| --- | --- |
| 1. a – 2.3 = 4.8Check: | 2.8.5 = 2.49 + xCheck: |
| 3.6n = 8.4Check: | 4.$$\frac{c}{4}=3.2$$Check: |
| 5.b – 5.6 = 3.7Check: | 6.3r = 62.4Check: |
| 7.$$\frac{a}{5}=2.78$$Check: | 8.k + 27.45 = 69.2Check: |