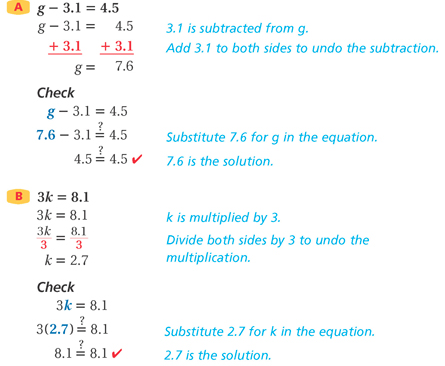
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Solving Decimal Equations

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 = 4.8  Check: | 2.  8.5 = 2.49 + x  Check: |
| 3.  6n = 8.4  Check: | 4.  Check: |
| 5.  b – 5.6 = 3.7  Check: | 6.  3r = 62.4  Check: |
| 7.  Check: | 8.  k + 27.45 = 69.2  Check: |