

### **3.8: Rewriting Equations and Formulas**

**\*Goal:** Rewrite an equation so it is in function form

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\*Recall that all functions start with:

**Function form:** means to isolate \_\_\_\_\_.

\*follow same rules as equation solving – get ride of what is bothering y by going in reverse PEMDAS.

**Ex:**  $4x + 2y = 8$

**Ex:**  $-2x + y = 6$

**Ex:**  $3x + 2y = 8$

**Ex:**  $\frac{1}{2}x - y = -5$

**Ex:**  $-2x + 3y = 6$

**Ex:**  $3x - 5y = 4$

**Ex:**  $-x - 3y = -6$

**Ex:**  $7x - 2y = -8$