

8<sup>th</sup> Grade Math Support  
Assignment 1

Example: Solve for x.

$$y=4x$$

$$x+y=75$$

Since y is equal to 4x, you can replace y with 4x.

$$x+y=75$$

$$x+4x=75$$

$$5x=75$$

$$x=75/5$$

$$x=15$$

Solve for x.

1.  $y= x+7$

$$y= 4$$

2.  $y= x+5$

$$y= 3x$$

3.  $y= x-9$

$$y= -4x$$

4.  $x+3y= 1$

$$y= 2x+5$$

5.  $y= x+5$

$$Y= 6$$

6.  $y= x+12$

$$y= -18$$

7.  $y= x-10$

$$y= -12$$

8.  $y= x+15$

$$y= 2x$$