**WS 5-3** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_

1. Solve 2m – 13 = -8m + 27 Explanation

m= \_\_\_\_\_\_\_\_ Check:

2. Solve 12 - $\frac{4}{5}$(x + 15) = 4 Explanation

x=\_\_\_\_\_\_\_ Check:

3. Solve 2(4r + 6) = $\frac{2}{3}$(12r + 18) Explanation

 r= \_\_\_\_\_\_\_\_\_\_\_

4. The inverse operation of addition is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. The inverse operation of division is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. The first step in solving an equation with a variable on both sides is: