

**Algebra 0507**  
**Chapter 3**  
**Intro to WS #11**

**Name**\_\_\_\_\_

**Solve. Show all work. Hint: Get variables on one side of = sign and #'s on other.**

1.  $2(x+5) = 3x+4-x$

2.  $7(x-5) = 2(x+5)$

3.  $6(2x+3) = 2(9+6x)$

4.  $3(30+x) = 4(x+19)$

5.  $3(x+4) = 5x-2x+4$

6.  $3(x+4) = 5x-2(x-6)$