

# SOLVING EQUATIONS WITH VARIABLES ON BOTH SIDES

NAME \_\_\_\_\_ PERIOD \_\_\_\_\_



SOLVE THE FOLLOWING FOR X. SHOW ALL WORK!

1.)  $-2m = 16m - 9$

2.)  $4n = -28n - 3$

3.)  $3x - 12 = -5x + 7$

4.)  $6x + 15 = 4x - 3$

5.)  $7x + 9 = 9x - 17$

6.)  $13x + 4 = 3x + 84$

7.)  $2(-4x + 3) = 9x + 6$

8.)  $7(5x + 4) = 2(3x - 6)$

