

Name:

Date:

Period:

Solve each equation on a separate piece of paper. Show ALL your work.

1.  $-20 = -4x - 6x$

2.  $6 = 1 - 2n + 5$

3.  $8x - 2 = -9 + 7x$

4.  $a + 5 = -5a + 5$

5.  $4m - 4 = 4m$

6.  $p - 1 = 5p + 3p - 8$

7.  $5p - 14 = 8p + 4$

8.  $p - 4 = -9 + p$

9.  $-8 = -(x + 4)$

10.  $12 = -4(-6x - 3)$

11.  $14 = -(p - 8)$

12.  $-(7 - 4x) = 9$

13.  $-18 - 6k = 6(1 + 3k)$

14.  $5n + 34 = -2(1 - 7n)$

15.  $2(4x - 3) - 8 = 4 + 2x$

16.  $3n - 5 = -8(6 + 5n)$

17.  $-(1 + 7x) - 6(-7 - x) = 36$

18.  $-3(4x + 3) + 4(6x + 1) = 43$

19.  $24a - 22 = -4(1 - 6a)$

20.  $-5(1 - 5x) + 5(-8x - 2) = -4x - 8x$