

## Linear Equations Worksheet

Solve the following problems using PEMDAS. Show all work to receive credit.

1 a.  $2w + 6w = 0$

1 b.  $16k + 7 = -11 + 7(k - 2)$

2 a.  $5(p + 13) + 12p = 7$

2 b.  $\frac{t}{-20} = -11$

3 a.  $-20 - a = 2$

3 b.  $s - (-5) = -10$

4 a.  $x + 14 + 17 = -18x - 6$

4 b.  $11k + 14 = -10 + 12(k - 16)$

5 a.  $-16 \cdot 3 = -4(c - 1)$

5 b.  $y - 10 = -4$

6 a.  $\frac{n - 7}{9} = 7$

6 b.  $-6(x - 19) + 19 = 9$

7 a.  $\frac{s}{-6} = 6$

7 b.  $s + 19 = 3$

8 a.  $18t = 1$

8 b.  $7(z + 2) + 16 = 14z + 17$