

Name _____

Date _____

Solving Double Sided Variable Equations

Solve for the variable in each problem.

1) $12a + 7 = 3a - 11$

2) $5t + 7 = 4t - 9$

3) $2a - 15 = -2a + -3$

4) $8p - 9 = 9p + 5$

5) $5a + 2 = 6a - 6$

6) $9 - 5x = 6 - 6x$

7) $3x + 15 = 7x - 21$

8) $4(t + 5) - 3 = 6t - 13$

9) $5(2b - 14) = 5b + 1$

10) $7(a-3) = 6(a-2)$

Name _____

Date _____

Answer Key

1) $a = -2$

2) $t = -16$

3) $a = 3$

4) $p = -14$

5) $a = 8$

6) $x = -3$

7) $x = 9$

8) $t = 15$

9) $\frac{71}{5}$

10) $a = 9$