

Variables on both sides

Name: _____ Date: _____

Solve. Collect the variable terms on one side first.

1. $9n - 12 = -7n - 44$

$n =$ _____

2. $5m - 3 = 6m - 13$

$m =$ _____

3. $4m - 7 = -9m + 45$

$m =$ _____

4. $-9k - 2 = 3k + 46$

$k =$ _____

5. $-9t + 9 = 7t + 57$

$t =$ _____

6. $6m - 4 = 8m + 2$

$m =$ _____

7. $-2n + 14 = 5n + 21$

$n =$ _____

8. $4x - 12 = 8x - 52$

$x =$ _____

9. $-6n + 14 = n - 28$

$n =$ _____

10. $7m - 6 = -3m - 16$

$m =$ _____

11. $6k + 3 = 7k + 1$

$k =$ _____

12. $6x - 2 = -2x + 14$

$x =$ _____