



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Combining Like Terms

Simplify each expressions by combining like terms.

1.  $8q + 9 = 11 + 7q$

$$8q = 2 + 7q$$

$$q = 2$$

2.  $10y - 12 = -9 + 9y$

$$10y = 3 + 9y$$

$$y = 3$$

3.  $6e + 18 = 57 + 5e$

$$6e = 39 + 5e$$

$$e = 39$$

4.  $12k + 48 = 63 + 11k$

$$12k = 15 + 11k$$

$$k = 15$$

5.  $19v - 43 = -17 + 18v$

$$19v = 26 + 18v$$

$$v = 26$$

6.  $25l - 15 = 0 + 24l$

$$25l = 15 + 24l$$

$$l = 15$$

7.  $10r + 11 = 59 + 9r$

$$10r = 48 + 9r$$

$$r = 48$$

8.  $13e + 10 = 36 + 12e$

$$13e = 26 + 12e$$

$$e = 26$$

9.  $14y + 37 = 47 + 13y$

$$14y = 10 + 13y$$

$$y = 10$$

10.  $16g - 10 = 50 + 15g$

$$16g = 60 + 15g$$

$$g = 60$$