

## Algebra I

## Combining Like Terms – Mixed Review

Name \_\_\_\_\_

Simplify each expression. Reduce all fractions to lowest terms.

1.  $8n + 6n - 2p + 4p =$  \_\_\_\_\_

2.  $3w - 6y - w + 5y =$  \_\_\_\_\_

3.  $-2b + -3b + 4b^2 =$  \_\_\_\_\_

4.  $10ab - 6a + 5b - 2ab + b =$  \_\_\_\_\_

5.  $\frac{1}{2}x + \frac{3}{4}x + \frac{5}{2}x =$  \_\_\_\_\_

6.  $\frac{3}{10}h + \frac{5}{10}q - \frac{7}{10}h =$  \_\_\_\_\_

7.  $12z - (-5yz) + 8yz - 2z =$  \_\_\_\_\_

8.  $-v^2 + 3v^2 + 9v^2 - 4v =$  \_\_\_\_\_

9.  $6t - 7t + 7t + t =$  \_\_\_\_\_

10.  $6r^3 + 3r^3 - 2r^2 + 8r^2 - 9r =$  \_\_\_\_\_

11.  $\frac{3}{5}g + \frac{4}{3}g + \frac{2}{3}d - \frac{3}{8}d =$  \_\_\_\_\_

12.  $\frac{5}{6}w - \frac{7}{6}w + 3m - \frac{1}{4}m =$  \_\_\_\_\_

13.  $7pq - 13p - pq + 9q - 2p =$  \_\_\_\_\_

14.  $4c^4 - 2c^2 + 6c^4 - 3c =$  \_\_\_\_\_

15.  $2.5d + 4.3c - 2.8c + 6.8d =$  \_\_\_\_\_

16.  $3.1ab + 4.9a + 10.9ab + 1.4a =$  \_\_\_\_\_

17.  $\frac{2}{9}f + \frac{4}{5}f + \frac{5}{12}k - \frac{1}{6}k =$  \_\_\_\_\_

18.  $2j + \frac{7}{8}s - s - \frac{5}{7}j =$  \_\_\_\_\_

19.  $7y^2 - 2y - 6y - 9y^2 =$  \_\_\_\_\_

20.  $-5x^2 - 6x + 7x^2 - 2x^2 =$  \_\_\_\_\_