

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

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

# Combining Like-Terms

Simplify the following expressions by combining like terms.

1.  $3.5x + 2.3y - 1.2z + 0.7x$

2.  $-1.6x - 3.2y + 5.4z + 2.1x$

3.  $-6x - 9y + 12z + 2x + 3y - 4z$

4.  $15a - 8b + 6c - 3a + 8b - 6c$

5.  $20p - 10q + 5r - 5p + 10q - 6r$

6.  $3x + 5y - 2z - 2x - 3y + 4z$

7.  $3xy + 5y - 2x + 2xy - 3y + 4x$

8.  $8ab - 3b + 5a - 2ab + 3b - 5a$

9.  $-6cd - 9d + 12cd + 2cd + 3d - 4cd$

10.  $-12xy - 3y + 8x + 12xy + 3y - 8x$