

**Practice Masters Level A****2.6 Adding and Subtracting Expressions**

Use the Distributive Property to show that the following are true statements:

1.  $5x + 3x = 8x$  \_\_\_\_\_

2.  $6y + 7y = 13y$  \_\_\_\_\_

3.  $6r - 3r = 3r$  \_\_\_\_\_

4.  $14z - 5z = 9z$  \_\_\_\_\_

5.  $-3q + 5q = 2q$  \_\_\_\_\_

6.  $8a + (-7a) = a$  \_\_\_\_\_

7.  $2m - 9m = -7m$  \_\_\_\_\_

8.  $-3p - 11p = -14p$  \_\_\_\_\_

Give the opposite of each expression.

9.  $2x + 5$  \_\_\_\_\_

10.  $-3z + 4$  \_\_\_\_\_

11.  $8m - 7$  \_\_\_\_\_

12.  $-4b - 6$  \_\_\_\_\_

13.  $a + b - c$  \_\_\_\_\_

14.  $2f - 3g + 1$  \_\_\_\_\_

15.  $-2m + 5n - 9$  \_\_\_\_\_

16.  $-3x + 4y - z$  \_\_\_\_\_

Simplify the following expressions:

17.  $8x + 5x$  \_\_\_\_\_

18.  $9a + 7a$  \_\_\_\_\_

19.  $12p - 6p$  \_\_\_\_\_

20.  $15d - 11d$  \_\_\_\_\_

21.  $-y + 2y$  \_\_\_\_\_

22.  $-7w + 5w$  \_\_\_\_\_

23.  $j - 7j$  \_\_\_\_\_

24.  $-3h - 14h$  \_\_\_\_\_

25.  $(2t + 3) + (9t + 5)$  \_\_\_\_\_

26.  $(4n + 7) + (5n - 6)$  \_\_\_\_\_

27.  $(5b - 4) + (7b - 8)$  \_\_\_\_\_

28.  $(z + 2) + (-3z - 5)$  \_\_\_\_\_

29.  $(-2u + 3v) + (4u - 7v)$  \_\_\_\_\_

30.  $(4q - 3r) + (-2q - 2r)$  \_\_\_\_\_

31.  $(10l + 5m) - (4l + 2m)$  \_\_\_\_\_

32.  $(7a + 3b) - (4a + 3b)$  \_\_\_\_\_

33.  $(8f + 9g) - (10f + 11g)$  \_\_\_\_\_

34.  $(8c - 3d) - (4c + 7d)$  \_\_\_\_\_

35.  $(17v - 9w) - (9v - 8w)$  \_\_\_\_\_

36.  $(-5g + 2h) - (6g + 5h)$  \_\_\_\_\_

37.  $(-5s + 6t) - (-3s + 5t)$  \_\_\_\_\_

38.  $(-7r + s) - (-3r - 2s)$  \_\_\_\_\_