

Adding and Subtracting Linear Expressions

Find each sum or difference.

1. $(5g - 7) + (-3g + 9)$

$$2g + 2$$

2. $(12p + 8) - (17p + 4)$

$$-5p + 4$$

3. $(8m - 9) - (-3m + 5)$

$$11m - 14$$

4. $(-h - 8) + (6h - 5)$

$$5h - 13$$

5. $\left(-\frac{2}{3}f - \frac{2}{7}\right) + \left(\frac{1}{3}f + \frac{5}{7}\right)$

$$-\frac{1}{3}f + \frac{3}{7}$$

6. $(5.4n - 0.5) - (3.3n - 2.7)$

$$2.1n + 2.2$$

7. $(11c + 15) + (-2c + 3d + 4)$

$$9c + 3d + 19$$

8. $(4w + 7x + 10) - (16w - 4)$

$$-12w + 7x + 14$$

9. $(13q - r + 4) + (-11q + 5r - 17)$

$$2q + 4r - 13$$

10. $(8y - 6z + 9) - (-4y + 8z - 11)$

$$12y - 14z + 20$$

11. $(12.1s - 7.3t - 1.9) + (-6.5s + 5.3t - 2.6)$

$$5.6s - 2t - 4.5$$

12. $\left(-\frac{1}{6}a - b + \frac{2}{5}\right) - \left(\frac{2}{3}a - 10b + \frac{3}{10}\right)$

$$-\frac{5}{6}a + 9b + \frac{1}{10}$$