

Collecting Like Terms

Collect the like terms in the following examples:

For example: $3a - a = 2a$

Question Set 1:

1) $3b - 2b = \mathbf{b}$

2) $4c - 2c = \mathbf{2c}$

3) $2d + 4d - 3d = \mathbf{3d}$

4) $7e - 2e + e = \mathbf{6e}$

5) $3f - 5f + 3f = \mathbf{f}$

6) $-4g + 2g = \mathbf{-2g}$

7) $7h - 9h + 3h - 2h = \mathbf{-h}$

8) $-i - 4i + 2i - 3i = \mathbf{-6i}$

Question Set 2:

1) $4j - 3j + 6k - 2k = \mathbf{j + 4k}$

2) $8m - 3m - 2n + 6n = \mathbf{5m + 4n}$

3) $6p + p + 4r - 9r = \mathbf{7p - 5r}$

4) $-5q + 2q + 10s - 12s = \mathbf{-3q - 2s}$

5) $t + 5u - 3t - u = \mathbf{-2t + 4u}$

6) $-7v - 5x + 4v - 3x + 5v = \mathbf{2v - 8x}$

7) $-w + 2y - 4z + 7y - 2z = \mathbf{-w + 9y - 6z}$

8) $11a + 6b - a - c - 9b - 4a = \mathbf{6a - 3b - c}$