# Simplifying Linear Expressions (C)

## Simplify each expression by combining like terms.

1. 3 + 8 + 9 + 3w + w + 2w - 4w + 8

2. 3 + 7m - 8 - 1 - 9m - 2m - m + 2 - 2 - 5

3. 7v - 4 - 9 + v - 9v + 2v - 3 + 8 + 6 - 4

4. 9 + 7x + 5x - 1 - 9 - 2 + 6x - x

5. 4a - 4a - 1 - 7 + 5a + 5a + 9

6. -1 + k - k - k - 7 - 3 + 1 + 6 + 1

7. -7h - 6 + 3h + 7h + 6h - 2h + 2 - 9 - 3

8. -2 + 2 + 5f + 2f + 5 + 9 + 4f - 3f

9. -p - 6p + 2p - 7p - 6p + 6

10. -6 + 1 - 3w + 4 + 6w + 4w + 9w - 4 + 5w - 6w

# Simplifying Linear Expressions (C) Answers

Simplify each expression by combining like terms.

1. 3 + 8 + 9 + 3w + w + 2w - 4w + 8
   = 2w + 28

2. 3 + 7m - 8 - 1 - 9m - 2m - m + 2 - 2 - 5
   = -5m - 11

3. 7v - 4 - 9 + v - 9v + 2v - 3 + 8 + 6 - 4
   = v - 6

4. 9 + 7x + 5x - 1 - 9 - 2 + 6x - x
   = 17x - 3

5. 4a - 4a - 1 - 7 + 5a + 5a + 9
   = 10a + 1

6. -1 + k - k - k - 7 - 3 + 1 + 6 + 1
   = -k - 3

7. -7h - 6 + 3h + 7h + 6h - 2h + 2 - 9 - 3
   = 7h - 16

8. -2 + 2 + 5f + 2f + 5 + 9 + 4f - 3f
   = 8f + 14

9. -p - 6p + 2p - 7p - 6p + 6
   = -18p + 6

10. -6 + 1 - 3w + 4 + 6w + 4w + 9w - 4 + 5w - 6w
    = 15w - 5

Math-Drills.Com