

Simplifying Linear Expressions (I)

Simplify each expression by combining like terms.

1. $4x - 9x + 6 - 3x + 2x$

2. $2 - 5r - 2 - 4r + 6r$

3. $-s + 5s - 4s + 2 + 5s$

4. $8f + 8f + 7f - 4f - 9$

5. $7q + 1 - 6q + 3 - 7$

6. $-z + 2z - 8 - 7 + 4z$

7. $9w + 2 - 8 - 9w + 3w$

8. $4z + 3z - 8 - 2z + 5z$

9. $-5f - 2f - 5f - 6 + 8f$

10. $6d - 5d + 6d + 7d - 6d$

Simplifying Linear Expressions (I) Answers

Simplify each expression by combining like terms.

1. $4x - 9x + 6 - 3x + 2x$
 $= -6x + 6$

2. $2 - 5r - 2 - 4r + 6r$
 $= -3r$

3. $-s + 5s - 4s + 2 + 5s$
 $= 5s + 2$

4. $8f + 8f + 7f - 4f - 9$
 $= 19f - 9$

5. $7q + 1 - 6q + 3 - 7$
 $= q - 3$

6. $-z + 2z - 8 - 7 + 4z$
 $= 5z - 15$

7. $9w + 2 - 8 - 9w + 3w$
 $= 3w - 6$

8. $4z + 3z - 8 - 2z + 5z$
 $= 10z - 8$

9. $-5f - 2f - 5f - 6 + 8f$
 $= -4f - 6$

10. $6d - 5d + 6d + 7d - 6d$
 $= 8d$