

Simplifying Linear Expressions (I)

Simplify each expression by combining like terms.

1. $5m + 3m + 8m - 3 - 5m + 2$

2. $z - 7z - 8z - 3 - 2 + 7 + 3$

3. $h - 3 - 6 - 2h + 3h - 6 + 2h + 3 + 4h$

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

5. $5q + 4 + 4q + 2q + 4q - q - q$

6. $-1 - 5 - 8d + 9d + 4d + 4$

7. $-6 + 5h + 5 + 9h + 5 + 2 + 3 - 8 + 8 - 8$

8. $8c + 7 + 3 + 4c - 4 - 4c$

9. $-7 - 9 - 3g - 2g + 1 - 5$

10. $3 + 3 + 7h + 4 + 7 + 3 - h - 5 + 7h + 7$

Simplifying Linear Expressions (I) Answers

Simplify each expression by combining like terms.

1. $5m + 3m + 8m - 3 - 5m + 2$
 $= 11m - 1$

2. $z - 7z - 8z - 3 - 2 + 7 + 3$
 $= -14z + 5$

3. $h - 3 - 6 - 2h + 3h - 6 + 2h + 3 + 4h$
 $= 8h - 12$

4. $4s - 2 - 8 - 7s - 6s + 8s$
 $= -s - 10$

5. $5q + 4 + 4q + 2q + 4q - q - q$
 $= 13q + 4$

6. $-1 - 5 - 8d + 9d + 4d + 4$
 $= 5d - 2$

7. $-6 + 5h + 5 + 9h + 5 + 2 + 3 - 8 + 8 - 8$
 $= 14h + 1$

8. $8c + 7 + 3 + 4c - 4 - 4c$
 $= 8c + 6$

9. $-7 - 9 - 3g - 2g + 1 - 5$
 $= -5g - 20$

10. $3 + 3 + 7h + 4 + 7 + 3 - h - 5 + 7h + 7$
 $= 13h + 22$