

Simplifying Expressions

Simplify each expression.

1. $6b^2 - 1 - c - 1$

6. $1 + uy - 1 + 1$

2. $1 - bx - 1 - bx$

7. $3c - cz + 1 + 1$

3. $u - 2bu + 1 + bu$

8. $x^2 + x + 1 - 6$

4. $2 + 1 + x - 1$

9. $1 - 6x + 5 + 1$

5. $1 + av + 3 - 3a$

10. $v^2 + 1 - v^2 - 6v$

Simplifying Expressions Answers

Simplify each expression.

$$\begin{aligned} 1. \quad & 6b^2 - 1 - c - 1 \\ & = 6b^2 - c - 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & 1 + uy - 1 + 1 \\ & = uy + 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 1 - bx - 1 - bx \\ & = -2bx \end{aligned}$$

$$\begin{aligned} 7. \quad & 3c - cz + 1 + 1 \\ & = -cz + 3c + 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & u - 2bu + 1 + bu \\ & = -bu + u + 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & x^2 + x + 1 - 6 \\ & = x^2 + x - 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2 + 1 + x - 1 \\ & = x + 2 \end{aligned}$$

$$\begin{aligned} 9. \quad & 1 - 6x + 5 + 1 \\ & = -6x + 7 \end{aligned}$$

$$\begin{aligned} 5. \quad & 1 + av + 3 - 3a \\ & = av - 3a + 4 \end{aligned}$$

$$\begin{aligned} 10. \quad & v^2 + 1 - v^2 - 6v \\ & = -6v + 1 \end{aligned}$$