

Simplifying Expressions (C)

Simplify each expression.

1. $4z^2 + 2 + 1$

6. $u - u + 6u^2$

2. $-3b^2 + 4 + 2b^2$

7. $z + z^2 + z^2$

3. $4a^2 - 5 - 1$

8. $-2a - 2 - 1$

4. $-b + 2 - b$

9. $x^2 + x - x^2$

5. $-1 + a^2 + 1$

10. $-y^2 + 6y + y^2$

Simplifying Expressions (C) Answers

Simplify each expression.

$$\begin{aligned} 1. \quad & 4z^2 + 2 + 1 \\ & = 4z^2 + 3 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & -3b^2 + 4 + 2b^2 \\ & = -b^2 + 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & z + z^2 + z^2 \\ & = 2z^2 + z \end{aligned}$$

$$\begin{aligned} 3. \quad & 4a^2 - 5 - 1 \\ & = 4a^2 - 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & -2a - 2 - 1 \\ & = -2a - 3 \end{aligned}$$

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

$$\begin{aligned} 9. \quad & x^2 + x - x^2 \\ & = x \end{aligned}$$

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

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