

Simplifying Expressions (B)

Simplify each expression.

1. $-6a - a^2 + a^2$

6. $5 - v^2 + 6$

2. $-1 - 1 + 3z$

7. $z - z^2 + z$

3. $y + y^2 + 5y$

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

4. $-z + z + 4z^2$

9. $u^2 + 5u + u^2$

5. $-3u^2 - u - 2u^2$

10. $2b^2 + 1 + 4b^2$

Simplifying Expressions (B) Answers

Simplify each expression.

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

$$\begin{aligned} 6. & 5 - v^2 + 6 \\ & = -v^2 + 11 \end{aligned}$$

$$\begin{aligned} 2. & -1 - 1 + 3z \\ & = 3z - 2 \end{aligned}$$

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

$$\begin{aligned} 3. & y + y^2 + 5y \\ & = y^2 + 6y \end{aligned}$$

$$\begin{aligned} 8. & 6x^2 - 2 - 1 \\ & = 6x^2 - 3 \end{aligned}$$

$$\begin{aligned} 4. & -z + z + 4z^2 \\ & = 4z^2 \end{aligned}$$

$$\begin{aligned} 9. & u^2 + 5u + u^2 \\ & = 2u^2 + 5u \end{aligned}$$

$$\begin{aligned} 5. & -3u^2 - u - 2u^2 \\ & = -5u^2 - u \end{aligned}$$

$$\begin{aligned} 10. & 2b^2 + 1 + 4b^2 \\ & = 6b^2 + 1 \end{aligned}$$