

Simplifying Expressions (F)

Simplify each expression.

1. $a + 6 - 2$

6. $-z^2 - z^2 + z^2$

2. $-5x + x - x^2$

7. $5z^2 + 1 + 1$

3. $2 + 3 - x$

8. $x + x^2 + x^2$

4. $-y - 3 + 1$

9. $1 + 4 + y$

5. $3z^2 - 5 + 6z^2$

10. $-1 + 5a + a$

Simplifying Expressions (F) Answers

Simplify each expression.

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

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

$$\begin{aligned} 2. \quad & -5x + x - x^2 \\ & = -x^2 - 4x \end{aligned}$$

$$\begin{aligned} 7. \quad & 5z^2 + 1 + 1 \\ & = 5z^2 + 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2 + 3 - x \\ & = -x + 5 \end{aligned}$$

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

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

$$\begin{aligned} 9. \quad & 1 + 4 + y \\ & = y + 5 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3z^2 - 5 + 6z^2 \\ & = 9z^2 - 5 \end{aligned}$$

$$\begin{aligned} 10. \quad & -1 + 5a + a \\ & = 6a - 1 \end{aligned}$$