

## Simplifying Expressions (E)

Simplify each expression.

1.  $2x^2 + 3x^2 + 4$

6.  $-3b^2 + 2b^2 + b$

2.  $1 - 4 - b^2$

7.  $2b - b + b$

3.  $3y + 6 + 2$

8.  $4 - 6z + z$

4.  $-5b^2 + b^2 + b$

9.  $4 - 1 + y$

5.  $4b^2 + b - 5b$

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

## Simplifying Expressions (E) Answers

Simplify each expression.

$$\begin{aligned} 1. \quad & 2x^2 + 3x^2 + 4 \\ & = 5x^2 + 4 \end{aligned}$$

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

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

$$\begin{aligned} 7. \quad & 2b - b + b \\ & = 2b \end{aligned}$$

$$\begin{aligned} 3. \quad & 3y + 6 + 2 \\ & = 3y + 8 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4 - 6z + z \\ & = -5z + 4 \end{aligned}$$

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

$$\begin{aligned} 9. \quad & 4 - 1 + y \\ & = y + 3 \end{aligned}$$

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

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