

## Simplifying Expressions (A)

Simplify each expression.

1.  $z - 1 + 4$

6.  $4x^2 + 1 - 4$

2.  $c^2 + c + c$

7.  $a^2 - 1 + 4$

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

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

4.  $6v^2 - 4v - 4v$

9.  $-3b - b^2 - 2b^2$

5.  $3z^2 + 3z^2 + 4z$

10.  $x + x - 1$

## Simplifying Expressions (A) Answers

Simplify each expression.

$$\begin{aligned} 1. z - 1 + 4 \\ = z + 3 \end{aligned}$$

$$\begin{aligned} 6. 4x^2 + 1 - 4 \\ = 4x^2 - 3 \end{aligned}$$

$$\begin{aligned} 2. c^2 + c + c \\ = c^2 + 2c \end{aligned}$$

$$\begin{aligned} 7. a^2 - 1 + 4 \\ = a^2 + 3 \end{aligned}$$

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

$$\begin{aligned} 8. y - 6y^2 + y^2 \\ = -5y^2 + y \end{aligned}$$

$$\begin{aligned} 4. 6v^2 - 4v - 4v \\ = 6v^2 - 8v \end{aligned}$$

$$\begin{aligned} 9. -3b - b^2 - 2b^2 \\ = -3b^2 - 3b \end{aligned}$$

$$\begin{aligned} 5. 3z^2 + 3z^2 + 4z \\ = 6z^2 + 4z \end{aligned}$$

$$\begin{aligned} 10. x + x - 1 \\ = 2x - 1 \end{aligned}$$