

Simplification d'Expressions (E)

Simplifiez chaque expression.

1. $-\frac{b^2z}{-z} + 1 - 3 - 8z$

6. $-1 - 1 + 9c \cdot c - z^2$

2. $c + b \cdot c \cdot (-4) \cdot b$

7. $1 + 7ay + 1 + a + 7y$

3. $\frac{2z^4}{2z^2} + z^2 \cdot 4 - z^2$

8. $4bc \cdot c \cdot 3bc - \frac{b}{-b}$

4. $z \cdot \left(-\frac{56c^3z}{7cz \cdot (-c) \cdot (-c)} \right)$

9. $-3 + a + x - 6 \cdot 4x$

5. $3u - \frac{5b^3}{b^2} + \frac{bu}{-1}$

10. $u + 8u^2 \cdot (-u) + u^2 - u^2$

Simplification d'Expressions (E) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & -\frac{b^2z}{-z} + 1 - 3 - 8z \\ & = b^2 - 8z - 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & -1 - 1 + 9c \cdot c - z^2 \\ & = 9c^2 - z^2 - 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & c + b \cdot c \cdot (-4) \cdot b \\ & = -4b^2c + c \end{aligned}$$

$$\begin{aligned} 7. \quad & 1 + 7ay + 1 + a + 7y \\ & = 7ay + a + 7y + 2 \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 4bc \cdot c \cdot 3bc - \frac{b}{-b} \\ & = 12b^2c^3 + 1 \end{aligned}$$

$$\begin{aligned} 4. \quad & z \cdot \left(-\frac{56c^3z}{7cz \cdot (-c) \cdot (-c)} \right) \\ & = -8z \end{aligned}$$

$$\begin{aligned} 9. \quad & -3 + a + x - 6 \cdot 4x \\ & = a - 23x - 3 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3u - \frac{5b^3}{b^2} + \frac{bu}{-1} \\ & = -bu + 3u - 5b \end{aligned}$$

$$\begin{aligned} 10. \quad & u + 8u^2 \cdot (-u) + u^2 - u^2 \\ & = -8u^3 + u \end{aligned}$$