

Simplification d'Expressions (D)

Simplifiez chaque expression.

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

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

2. $-\frac{280a^3}{10a \cdot 4a} - 4$

7. $8c + \frac{18z^2}{-6z} + c^2$

3. $-\frac{v}{-1} - 10b^2 - 1$

8. $x \cdot 9 - \frac{x^4}{-x^2}$

4. $-\frac{32a^4u^2}{8a \cdot au \cdot (-a)}$

9. $-\frac{5c^4}{5c^2} + 4 \cdot 6$

5. $cv \cdot \frac{8v}{2} + 7cv$

10. $\frac{c^2}{c^2} - 6a - a$

Simplification d'Expressions (D) Solutions

Simplifiez chaque expression.

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

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

$$\begin{aligned} 2. \quad & -\frac{280a^3}{10a \cdot 4a} - 4 \\ & = -7a - 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 8c + \frac{18z^2}{-6z} + c^2 \\ & = c^2 + 8c - 3z \end{aligned}$$

$$\begin{aligned} 3. \quad & -\frac{v}{-1} - 10b^2 - 1 \\ & = -10b^2 + v - 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & x \cdot 9 - \frac{x^4}{-x^2} \\ & = x^2 + 9x \end{aligned}$$

$$\begin{aligned} 4. \quad & -\frac{32a^4u^2}{8a \cdot au \cdot (-a)} \\ & = 4au \end{aligned}$$

$$\begin{aligned} 9. \quad & -\frac{5c^4}{5c^2} + 4 \cdot 6 \\ & = -c^2 + 24 \end{aligned}$$

$$\begin{aligned} 5. \quad & cv \cdot \frac{8v}{2} + 7cv \\ & = 4cv^2 + 7cv \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{c^2}{c^2} - 6a - a \\ & = -7a + 1 \end{aligned}$$