

Simplification d'Expressions (E)

Simplifiez chaque expression.

1. $10x \cdot x \cdot (-6x)$

6. $-1 \cdot z \cdot z$

2. $a^2 \cdot (-4a^2) \cdot a^2$

7. $5 \cdot 4 \cdot 8a^2$

3. $-\frac{v^3}{v} \cdot 9v^2$

8. $2x \cdot \frac{5x^2}{x}$

4. $u \cdot u \cdot 10u$

9. $-3z \cdot \left(-\frac{z^4}{z^2}\right)$

5. $4y^2 \cdot y \cdot (-y)$

10. $\frac{245u^4}{-5u \cdot 7u^2}$

Simplification d'Expressions (E) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & 10x \cdot x \cdot (-6x) \\ &= -60x^3 \end{aligned}$$

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

$$\begin{aligned} 2. & a^2 \cdot (-4a^2) \cdot a^2 \\ &= -4a^6 \end{aligned}$$

$$\begin{aligned} 7. & 5 \cdot 4 \cdot 8a^2 \\ &= 160a^2 \end{aligned}$$

$$\begin{aligned} 3. & -\frac{v^3}{v} \cdot 9v^2 \\ &= -9v^4 \end{aligned}$$

$$\begin{aligned} 8. & 2x \cdot \frac{5x^2}{x} \\ &= 10x^2 \end{aligned}$$

$$\begin{aligned} 4. & u \cdot u \cdot 10u \\ &= 10u^3 \end{aligned}$$

$$\begin{aligned} 9. & -3z \cdot \left(-\frac{z^4}{z^2}\right) \\ &= 3z^3 \end{aligned}$$

$$\begin{aligned} 5. & 4y^2 \cdot y \cdot (-y) \\ &= -4y^4 \end{aligned}$$

$$\begin{aligned} 10. & \frac{245u^4}{-5u \cdot 7u^2} \\ &= -7u \end{aligned}$$