

## Simplification d'Expressions (A)

Simplifiez chaque expression.

1.  $\frac{2c^4}{c^2} \cdot c^2 \cdot 7c$

6.  $7v^2 \cdot 8 \cdot \frac{v^3}{-v^2}$

2.  $\frac{2z^2}{2z} \cdot (-2z^2) \cdot z$

7.  $-\frac{a}{a} \cdot 8a^2 \cdot a^2$

3.  $4z \cdot 4 \cdot (-z) \cdot 9z$

8.  $y \cdot (-y^2) \cdot 8 \cdot y^2$

4.  $-5 \cdot \frac{15}{5} \cdot 4y$

9.  $-v \cdot v \cdot \left(-\frac{48v}{-6v}\right)$

5.  $-\frac{3x^2}{3} \cdot x \cdot 6$

10.  $-v^2 \cdot v \cdot \left(-\frac{10v^4}{10v^2}\right)$

## Simplification d'Expressions (A) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \frac{2c^4}{c^2} \cdot c^2 \cdot 7c \\ = 14c^5 \end{aligned}$$

$$\begin{aligned} 6. 7v^2 \cdot 8 \cdot \frac{v^3}{-v^2} \\ = -56v^3 \end{aligned}$$

$$\begin{aligned} 2. \frac{2z^2}{2z} \cdot (-2z^2) \cdot z \\ = -2z^4 \end{aligned}$$

$$\begin{aligned} 7. -\frac{a}{a} \cdot 8a^2 \cdot a^2 \\ = -8a^4 \end{aligned}$$

$$\begin{aligned} 3. 4z \cdot 4 \cdot (-z) \cdot 9z \\ = -144z^3 \end{aligned}$$

$$\begin{aligned} 8. y \cdot (-y^2) \cdot 8 \cdot y^2 \\ = -8y^5 \end{aligned}$$

$$\begin{aligned} 4. -5 \cdot \frac{15}{5} \cdot 4y \\ = -60y \end{aligned}$$

$$\begin{aligned} 9. -v \cdot v \cdot \left( -\frac{48v}{-6v} \right) \\ = -8v^2 \end{aligned}$$

$$\begin{aligned} 5. -\frac{3x^2}{3} \cdot x \cdot 6 \\ = -6x^3 \end{aligned}$$

$$\begin{aligned} 10. -v^2 \cdot v \cdot \left( -\frac{10v^4}{10v^2} \right) \\ = v^5 \end{aligned}$$