

Simplification d'Expressions (B)

Simplifiez chaque expression.

$$1. -3c^2 \cdot 9cz \cdot \frac{8c}{-8} \cdot c^2$$

$$6. 2a \cdot (-3) \cdot 5 \cdot 8u \cdot 4$$

$$2. -cv \cdot \frac{10cv^2}{10v} \cdot 8cv \cdot v$$

$$7. \frac{60u^4x^3}{ux \cdot u^2 \cdot 6x \cdot 10u}$$

$$3. c \cdot 6u \cdot \left(-\frac{8cu^2}{u \cdot 8u} \right)$$

$$8. -2a \cdot \frac{15a^3}{3 \cdot (-5a^2) \cdot (-1)}$$

$$4. -\frac{10v^3}{2v} \cdot 10v \cdot (-x) \cdot x$$

$$9. -1 \cdot \left(-\frac{2a^2z^2}{-2az} \right) \cdot (-z^2) \cdot (-2z)$$

$$5. \frac{48ab^2}{6a} \cdot 9a^2 \cdot (-ab) \cdot (-8)$$

$$10. -3vx \cdot 3v \cdot (-x) \cdot \frac{40x^2}{4x^2}$$

Simplification d'Expressions (B) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -3c^2 \cdot 9cz \cdot \frac{8c}{-8} \cdot c^2 \\ & = 27c^6z \end{aligned}$$

$$\begin{aligned} 6. & 2a \cdot (-3) \cdot 5 \cdot 8u \cdot 4 \\ & = -960au \end{aligned}$$

$$\begin{aligned} 2. & -cv \cdot \frac{10cv^2}{10v} \cdot 8cv \cdot v \\ & = -8c^3v^4 \end{aligned}$$

$$7. \frac{60u^4x^3}{\underline{ux} \cdot u^2 \cdot 6x \cdot 10u}$$

$$\begin{aligned} 3. & c \cdot 6u \cdot \left(-\frac{8cu^2}{u \cdot 8u} \right) \\ & = -6c^2u \end{aligned}$$

$$\begin{aligned} 8. & -2a \cdot \frac{15a^3}{3 \cdot (-5a^2) \cdot (-1)} \\ & = -2a^2 \end{aligned}$$

$$\begin{aligned} 4. & -\frac{10v^3}{2v} \cdot 10v \cdot (-x) \cdot x \\ & = 50v^3x^2 \end{aligned}$$

$$\begin{aligned} 9. & -1 \cdot \left(-\frac{2a^2z^2}{-2az} \right) \cdot (-z^2) \cdot (-2z) \\ & = -2az^4 \end{aligned}$$

$$\begin{aligned} 5. & \frac{48ab^2}{6a} \cdot 9a^2 \cdot (-ab) \cdot (-8) \\ & = 576a^3b^3 \end{aligned}$$

$$\begin{aligned} 10. & -3vx \cdot 3v \cdot (-x) \cdot \frac{40x^2}{4x^2} \\ & = 90v^2x^2 \end{aligned}$$