

Simplification d'Expressions (E)

Simplifiez chaque expression.

$$1. -u^2 \cdot 3 \cdot (-2u) \cdot \left(-\frac{1}{-1}\right)$$

$$6. -ax \cdot 4 \cdot \frac{2ax^3}{-ax \cdot (-x)}$$

$$2. 2 \cdot \frac{8av^3}{8av \cdot v^2} \cdot av$$

$$7. y \cdot \left(-\frac{168y^5}{7 \cdot (-4y) \cdot y^2}\right)$$

$$3. 6u \cdot (-1) \cdot \frac{16ux^2}{-1 \cdot (-4ux)}$$

$$8. 6 \cdot 5x \cdot 7x \cdot v \cdot 3$$

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

$$9. -8c \cdot (-c) \cdot cu \cdot \left(-\frac{8c^2u}{c^2}\right)$$

$$5. -1 \cdot 7v \cdot \left(-\frac{6v^3}{-6v}\right) \cdot (-4)$$

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

Simplification d'Expressions (E) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -u^2 \cdot 3 \cdot (-2u) \cdot \left(-\frac{1}{-1}\right) \\ & = 6u^3 \end{aligned}$$

$$\begin{aligned} 6. & -ax \cdot 4 \cdot \frac{2ax^3}{-ax \cdot (-x)} \\ & = -8ax^2 \end{aligned}$$

$$\begin{aligned} 2. & 2 \cdot \frac{8av^3}{8av \cdot v^2} \cdot av \\ & = 2av \end{aligned}$$

$$\begin{aligned} 7. & y \cdot \left(-\frac{168y^5}{7 \cdot (-4y) \cdot y^2}\right) \\ & = 6y^3 \end{aligned}$$

$$\begin{aligned} 3. & 6u \cdot (-1) \cdot \frac{16ux^2}{-1 \cdot (-4ux)} \\ & = -24ux \end{aligned}$$

$$\begin{aligned} 8. & 6 \cdot 5x \cdot 7x \cdot v \cdot 3 \\ & = 630vx^2 \end{aligned}$$

$$\begin{aligned} 4. & -xy \cdot \left(-\frac{y^2}{y^2}\right) \cdot 3x \cdot (-9y^2) \\ & = -27x^2y^3 \end{aligned}$$

$$\begin{aligned} 9. & -8c \cdot (-c) \cdot cu \cdot \left(-\frac{8c^2u}{c^2}\right) \\ & = -64c^3u^2 \end{aligned}$$

$$\begin{aligned} 5. & -1 \cdot 7v \cdot \left(-\frac{6v^3}{-6v}\right) \cdot (-4) \\ & = 28v^3 \end{aligned}$$

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