

## Simplification d'Expressions (J)

Simplifiez chaque expression.

1.  $-7y \cdot 5y^2 \cdot (-10y^2)$

6.  $3u^2 \cdot \frac{9u^3}{-3u^2}$

2.  $y \cdot 6y^2 \cdot 2y$

7.  $\frac{5a^3}{a^2} \cdot a$

3.  $5 \cdot \frac{2a^3}{a^2}$

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

4.  $\frac{4u^5}{-u^2 \cdot (-u^2)}$

9.  $8 \cdot \frac{5x^3}{5x}$

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

10.  $\frac{7c^5}{-c \cdot 7c^2}$

## Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -7y \cdot 5y^2 \cdot (-10y^2) \\ & = 350y^5 \end{aligned}$$

$$\begin{aligned} 6. & 3u^2 \cdot \frac{9u^3}{-3u^2} \\ & = -9u^3 \end{aligned}$$

$$\begin{aligned} 2. & y \cdot 6y^2 \cdot 2y \\ & = 12y^4 \end{aligned}$$

$$\begin{aligned} 7. & \frac{5a^3}{a^2} \cdot a \\ & = 5a^2 \end{aligned}$$

$$\begin{aligned} 3. & 5 \cdot \frac{2a^3}{a^2} \\ & = 10a \end{aligned}$$

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

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

$$\begin{aligned} 9. & 8 \cdot \frac{5x^3}{5x} \\ & = 8x^2 \end{aligned}$$

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

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