

Simplification d'Expressions (F)

Simplifiez chaque expression.

1. $-\frac{20z^2}{5} + \frac{40z^3}{8z^2}$

6. $-1 - 9b \cdot 7bx - 1$

2. $10c \cdot c \cdot 3ac \cdot 2c$

7. $\frac{60ay^2}{10y^2 \cdot (-6a)} + a$

3. $-3 - \frac{18y}{3} + 3$

8. $z + cz \cdot cz \cdot 9$

4. $cu \cdot \left(-\frac{28c^2u^2}{c \cdot (-4u)} \right)$

9. $-\frac{6y}{-6y} + \frac{b^2y^2}{y^2}$

5. $-z - 2 + \frac{8z^2}{8z^2}$

10. $-1 + 4v^2 + 6 + vz$

Simplification d'Expressions (F) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -\frac{20z^2}{5} + \frac{40z^3}{8z^2} \\ & = -4z^2 + 5z \end{aligned}$$

$$\begin{aligned} 6. & -1 - 9b \cdot 7bx - 1 \\ & = -63b^2x - 2 \end{aligned}$$

$$\begin{aligned} 2. & 10c \cdot c \cdot 3ac \cdot 2c \\ & = 60ac^4 \end{aligned}$$

$$\begin{aligned} 7. & \frac{60ay^2}{10y^2 \cdot (-6a)} + a \\ & = a - 1 \end{aligned}$$

$$\begin{aligned} 3. & -3 - \frac{18y}{3} + 3 \\ & = -6y \end{aligned}$$

$$\begin{aligned} 8. & z + cz \cdot cz \cdot 9 \\ & = 9c^2z^2 + z \end{aligned}$$

$$\begin{aligned} 4. & cu \cdot \left(-\frac{28c^2u^2}{c \cdot (-4u)} \right) \\ & = 7c^2u^2 \end{aligned}$$

$$\begin{aligned} 9. & -\frac{6y}{-6y} + \frac{b^2y^2}{y^2} \\ & = b^2 + 1 \end{aligned}$$

$$\begin{aligned} 5. & -z - 2 + \frac{8z^2}{8z^2} \\ & = -z - 1 \end{aligned}$$

$$\begin{aligned} 10. & -1 + 4v^2 + 6 + vz \\ & = 4v^2 + vz + 5 \end{aligned}$$