

Simplification d'Expressions (G)

Simplifiez chaque expression.

1. $10 + 7 + x - 2xy$

6. $-4x^2 + 6x + x - 10x^2$

2. $-\frac{36}{-9} - x \cdot 9x^2$

7. $-1 \cdot (-c^2) + z + 9cz$

3. $-b + 4b + b + 8$

8. $y^2 \cdot (-1) \cdot (-4ay) \cdot ay$

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

9. $-\frac{u}{-u} + \frac{9uy^2}{9y^2}$

5. $1 + \frac{40c^2y^2}{5cy} + y$

10. $10a + 1 - \frac{4a^2z}{-a}$

Simplification d'Expressions (G) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & 10 + 7 + x - 2xy \\ &= -2xy + x + 17 \end{aligned}$$

$$\begin{aligned} 6. & -4x^2 + 6x + x - 10x^2 \\ &= -14x^2 + 7x \end{aligned}$$

$$\begin{aligned} 2. & -\frac{36}{-9} - x \cdot 9x^2 \\ &= -9x^3 + 4 \end{aligned}$$

$$\begin{aligned} 7. & -1 \cdot (-c^2) + z + 9cz \\ &= c^2 + 9cz + z \end{aligned}$$

$$\begin{aligned} 3. & -b + 4b + b + 8 \\ &= 4b + 8 \end{aligned}$$

$$\begin{aligned} 8. & y^2 \cdot (-1) \cdot (-4ay) \cdot ay \\ &= 4a^2y^4 \end{aligned}$$

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

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

$$\begin{aligned} 5. & 1 + \frac{40c^2y^2}{5cy} + y \\ &= 8cy + y + 1 \end{aligned}$$

$$\begin{aligned} 10. & 10a + 1 - \frac{4a^2z}{-a} \\ &= 4az + 10a + 1 \end{aligned}$$