

## Simplification d'Expressions (A)

Simplifiez chaque expression.

$$1. 1 + 1 + \frac{buz}{bz} + 1 + 1 - z + 10$$

$$2. 2ac + \frac{9ac^3}{9ac} + c^2 + \frac{42c}{7c} + 2ac - 3ac$$

$$3. vz \cdot (-6v) \cdot \frac{21v}{7} + 1 + \frac{2xz}{x} \cdot x^2$$

$$4. z + 7z + 1 + 1 + 9c + 1 - u + 7u^2$$

$$5. -\frac{10xz^2}{-x} \cdot (-1) \cdot x - \frac{3x^3}{-x \cdot 3x} - 1$$

## Simplification d'Expressions (A) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & 1 + 1 + \frac{buz}{bz} + 1 + 1 - z + 10 \\ & = u - z + 14 \end{aligned}$$

$$\begin{aligned} 2. & 2ac + \frac{9ac^3}{9ac} + c^2 + \frac{42c}{7c} + 2ac - 3ac \\ & = ac + 2c^2 + 6 \end{aligned}$$

$$\begin{aligned} 3. & vz \cdot (-6v) \cdot \frac{21v}{7} + 1 + \frac{2xz}{x} \cdot x^2 \\ & = -18v^3z + 2x^2z + 1 \end{aligned}$$

$$\begin{aligned} 4. & z + 7z + 1 + 1 + 9c + 1 - u + 7u^2 \\ & = 7u^2 + 8z + 9c - u + 3 \end{aligned}$$

$$\begin{aligned} 5. & -\frac{10xz^2}{-x} \cdot (-1) \cdot x - \frac{3x^3}{-x \cdot 3x} - 1 \\ & = -10xz^2 + x - 1 \end{aligned}$$