

Simplification d'Expressions (A)

Simplifiez chaque expression.

1. $a + 1 + 1 - 9ax$

6. $2c + 5c^2 + c + c$

2. $bc + c^2 - 7b + 9b$

7. $\frac{u}{u} - \frac{5u^3}{5u}$

3. $2 \cdot b \cdot b^2 + x$

8. $8c \cdot \frac{c^2u}{-cu} + cu$

4. $-\frac{2bx^4}{x^2 \cdot (-bx) \cdot 2}$

9. $-\frac{4b^2z}{b^2} + 1 + 5bz$

5. $-2bu \cdot 10u^2 - \frac{b^2u^2}{-b^2}$

10. $\frac{12z^2}{2z} + \frac{8u^2z^2}{8u^2}$

Simplification d'Expressions (A) Solutions

Simplifiez chaque expression.

$$1. \begin{aligned} a + 1 + 1 - 9ax \\ = -9ax + a + 2 \end{aligned}$$

$$6. \begin{aligned} 2c + 5c^2 + c + c \\ = 5c^2 + 4c \end{aligned}$$

$$2. \begin{aligned} bc + c^2 - 7b + 9b \\ = bc + c^2 + 2b \end{aligned}$$

$$7. \begin{aligned} \frac{u}{u} - \frac{5u^3}{5u} \\ = -u^2 + 1 \end{aligned}$$

$$3. \begin{aligned} 2 \cdot b \cdot b^2 + x \\ = 2b^3 + x \end{aligned}$$

$$8. \begin{aligned} 8c \cdot \frac{c^2u}{-cu} + cu \\ = -8c^2 + cu \end{aligned}$$

$$4. \begin{aligned} -\frac{2bx^4}{x^2 \cdot (-bx) \cdot 2} \\ = x \end{aligned}$$

$$9. \begin{aligned} -\frac{4b^2z}{b^2} + 1 + 5bz \\ = 5bz - 4z + 1 \end{aligned}$$

$$5. \begin{aligned} -2bu \cdot 10u^2 - \frac{b^2u^2}{-b^2} \\ = -20bu^3 + u^2 \end{aligned}$$

$$10. \begin{aligned} \frac{12z^2}{2z} + \frac{8u^2z^2}{8u^2} \\ = z^2 + 6z \end{aligned}$$