

## Simplification d'Expressions (H)

Simplifiez chaque expression.

1.  $c + 10 + 3u + c + 10$

6.  $-6c^2 + 5 - 7c^2 + 6c + c$

2.  $-7x - c + c^2 - 1 - 4$

7.  $b^2 + 4z + 1 - z + b$

3.  $-c^2 + c^2 - 1 + b - 5$

8.  $6 - 10 + 5 - x + 1$

4.  $-cu - cu + 5 - u + u^2$

9.  $9u^2 - b^2 - 9bu + bu + 2$

5.  $-1 - 9b - 2b^2 - 1 + bc$

10.  $8v - 7 - vy + vy - y^2$

## Simplification d'Expressions (H) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & c + 10 + 3u + c + 10 \\ & = 2c + 3u + 20 \end{aligned}$$

$$\begin{aligned} 6. & -6c^2 + 5 - 7c^2 + 6c + c \\ & = -13c^2 + 7c + 5 \end{aligned}$$

$$\begin{aligned} 2. & -7x - c + c^2 - 1 - 4 \\ & = c^2 - 7x - c - 5 \end{aligned}$$

$$\begin{aligned} 7. & b^2 + 4z + 1 - z + b \\ & = b^2 + 3z + b + 1 \end{aligned}$$

$$\begin{aligned} 3. & -c^2 + c^2 - 1 + b - 5 \\ & = b - 6 \end{aligned}$$

$$\begin{aligned} 8. & 6 - 10 + 5 - x + 1 \\ & = -x + 2 \end{aligned}$$

$$\begin{aligned} 4. & -cu - cu + 5 - u + u^2 \\ & = -2cu + u^2 - u + 5 \end{aligned}$$

$$\begin{aligned} 9. & 9u^2 - b^2 - 9bu + bu + 2 \\ & = 9u^2 - b^2 - 8bu + 2 \end{aligned}$$

$$\begin{aligned} 5. & -1 - 9b - 2b^2 - 1 + bc \\ & = -2b^2 + bc - 9b - 2 \end{aligned}$$

$$\begin{aligned} 10. & 8v - 7 - vy + vy - y^2 \\ & = -y^2 + 8v - 7 \end{aligned}$$