

## Simplification d'Expressions (J)

Simplifiez chaque expression.

1.  $-x \cdot x^2 - x + x$

6.  $-c - \frac{7ac}{7ac} - 4ac$

2.  $8ab + 8 - ab \cdot (-1)$

7.  $u - cu - \frac{u}{-u}$

3.  $4cy + 10y + 9 - 1$

8.  $-\frac{7az}{7az} + 5 \cdot (-7a)$

4.  $-\frac{7u^3}{-7u} + \frac{u^2}{u^2}$

9.  $-x + \frac{3u}{3} - 1$

5.  $-v^2 \cdot \left(-\frac{v^2x^2}{x^2}\right) \cdot vx$

10.  $-\frac{9au}{-9} - 3u^2 \cdot (-5au)$

## Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

$$1. -x \cdot x^2 - x + x \\ = -x^3$$

$$6. -c - \frac{7ac}{7ac} - 4ac \\ = -4ac - c - 1$$

$$2. 8ab + 8 - ab \cdot (-1) \\ = 9ab + 8$$

$$7. u - cu - \frac{u}{-u} \\ = -cu + u + 1$$

$$3. 4cy + 10y + 9 - 1 \\ = 4cy + 10y + 8$$

$$8. -\frac{7az}{7az} + 5 \cdot (-7a) \\ = -35a - 1$$

$$4. -\frac{7u^3}{-7u} + \frac{u^2}{u^2} \\ = u^2 + 1$$

$$9. -x + \frac{3u}{3} - 1 \\ = -x + u - 1$$

$$5. -v^2 \cdot \left( -\frac{v^2 x^2}{x^2} \right) \cdot vx \\ = v^5 x$$

$$10. -\frac{9au}{-9} - 3u^2 \cdot (-5au) \\ = 15au^3 + au$$