Simplification d'Expressions (J)

Simplifiez chaque expression.

1. $7av + a - 6 - \dfrac{av^2}{v^2}$

2. $3 \cdot (-u) + 10 \cdot (-uz) - z$

3. $-1 \cdot \left(-x^2\right) - x + x^2 + 1$

4. $-\dfrac{u}{-1} + 5 - 1 - 6u^2$

5. $4c^2 + \dfrac{5c^2x}{5cx} + 4x^2 + x$

6. $yz + 5 + 2z^2 + \dfrac{y^2}{y^2}$

7. $\dfrac{cu^2}{-c} - \dfrac{1}{-1} \cdot u$

8. $z^2 + \dfrac{9x^2z}{9xz} \cdot z - z$

9. $9z^2 \cdot 8z \cdot 2b^2 + \dfrac{8bz^2}{8z^2}$

10. $-\dfrac{10y^2}{10y^2} - y^2 + 4y + 9y^2$

Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

1. $7av + a - 6 - \dfrac{av^2}{v^2}$
$= 7av - 6$

2. $3 \cdot (-u) + 10 \cdot (-uz) - z$
$= -10uz - 3u - z$

3. $-1 \cdot \left(-x^2\right) - x + x^2 + 1$
$= 2x^2 - x + 1$

4. $-\dfrac{u}{-1} + 5 - 1 - 6u^2$
$= -6u^2 + u + 4$

5. $4c^2 + \dfrac{5c^2x}{5cx} + 4x^2 + x$
$= 4c^2 + 4x^2 + c + x$

6. $yz + 5 + 2z^2 + \dfrac{y^2}{y^2}$
$= yz + 2z^2 + 6$

7. $\dfrac{cu^2}{-c} - \dfrac{1}{-1} \cdot u$
$= -u^2 + u$

8. $z^2 + \dfrac{9x^2z}{9xz} \cdot z - z$
$= z^2 + xz - z$

9. $9z^2 \cdot 8z \cdot 2b^2 + \dfrac{8bz^2}{8z^2}$
$= 144b^2z^3 + b$

10. $-\dfrac{10y^2}{10y^2} - y^2 + 4y + 9y^2$
$= 8y^2 + 4y - 1$