Simplification d'Expressions (C)

Simplifiez chaque expression.

1. $10-9x^2+x^2+x$

2. $-\dfrac{x^4}{x^2}+x-x^2$

3. $-\dfrac{u^4}{-u^2}+u\cdot u^2$

4. $-\dfrac{3a^2}{-a^2}+5a+5$

5. $7z^2+5z+10z^2+z^2$

6. $-y+\dfrac{y^2}{y}+y^2$

7. $b^2\cdot b\cdot\left(-7b^2\right)\cdot b$

8. $\dfrac{9y^2}{9}-\dfrac{48y^3}{8y}$

9. $\dfrac{4x^4}{-4x^2}+1+10x$

10. $-u-1-7+u^2$

Simplification d'Expressions (C) Solutions

Simplifiez chaque expression.

1. $10-9x^2+x^2+x$
$=-8x^2+x+10$

2. $-\dfrac{x^4}{x^2}+x-x^2$
$=-2x^2+x$

3. $-\dfrac{u^4}{-u^2}+u\cdot u^2$
$=u^3+u^2$

4. $-\dfrac{3a^2}{-a^2}+5a+5$
$=5a+8$

5. $7z^2+5z+10z^2+z^2$
$=18z^2+5z$

6. $-y+\dfrac{y^2}{y}+y^2$
$=y^2$

7. $b^2\cdot b\cdot\left(-7b^2\right)\cdot b$
$=-7b^6$

8. $\dfrac{9y^2}{9}-\dfrac{48y^3}{8y}$
$=-5y^2$

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

10. $-u-1-7+u^2$
$=u^2-u-8$