Simplification d'Expressions (H)

Simplifiez chaque expression.

1. $10z + 3z + \dfrac{z^2}{z} + 4a$

2. $-6 - bu - b^2 + 8 \cdot 9b$

3. $2 + 9y^2 + 2 + a + y^2$

4. $z \cdot 3v^2 \cdot 3z^2 \cdot (-1) \cdot v$

5. $\dfrac{v}{v} - 1 \cdot \left(-y^2\right) \cdot (-vy)$

6. $-u - 10u + u^2 + 10u + 4x$

7. $-\dfrac{48y^2}{-6} - 10 + \dfrac{4x^2}{-1}$

8. $-10b^2 \cdot 6 \cdot 7b \cdot (-1) \cdot 6b$

9. $y \cdot 9z \cdot 4z^2 - \dfrac{3z^2}{3z}$

10. $x + 1 + 6c + \dfrac{cx}{cx}$

Simplification d'Expressions (H) Solutions

Simplifiez chaque expression.

1. $10z+3z+\dfrac{z^2}{z}+4a$
   $=14z+4a$

2. $-6-bu-b^2+8\cdot 9b$
   $=-bu-b^2+72b-6$

3. $2+9y^2+2+a+y^2$
   $=10y^2+a+4$

4. $z\cdot 3v^2\cdot 3z^2\cdot(-1)\cdot v$
   $=-9v^3z^3$

5. $\dfrac{v}{v}-1\cdot\left(-y^2\right)\cdot(-vy)$
   $=-vy^3+1$

6. $-u-10u+u^2+10u+4x$
   $=u^2-u+4x$

7. $-\dfrac{48y^2}{-6}-10+\dfrac{4x^2}{-1}$
   $=8y^2-4x^2-10$

8. $-10b^2\cdot 6\cdot 7b\cdot(-1)\cdot 6b$
   $=2520b^4$

9. $y\cdot 9z\cdot 4z^2-\dfrac{3z^2}{3z}$
   $=36yz^3-z$

10. $x+1+6c+\dfrac{cx}{cx}$
    $=x+6c+2$