

Simplification d'Expressions (I)

Simplifiez chaque expression.

1. $az - 1 + 5z^2 + 2az + 1$

6. $-1 + 5b^2 - y + \frac{y^3}{y}$

2. $-6 \cdot v^2 \cdot 8 + \frac{2av^2}{2av}$

7. $-10x \cdot 6xy \cdot (-10x) \cdot 2y^2 \cdot x$

3. $-y + by + b - by \cdot (-1)$

8. $-cx + \frac{2x^2}{-1} + 6 + 1$

4. $-7 + 7x + 6 - 1 - x$

9. $\frac{245b^2z^4}{-5 \cdot 7bz \cdot z^2 \cdot (-b)}$

5. $2y - 1 + 4y + 10 \cdot 7y$

10. $2v^2 - bv + 3b + 2 + bv$

Simplification d'Expressions (I) Solutions

Simplifiez chaque expression.

$$1. \quad az - 1 + 5z^2 + 2az + 1 \\ = 3az + 5z^2$$

$$6. \quad -1 + 5b^2 - y + \frac{y^3}{y} \\ = 5b^2 + y^2 - y - 1$$

$$2. \quad -6 \cdot v^2 \cdot 8 + \frac{2av^2}{2av} \\ = -48v^2 + v$$

$$7. \quad -10x \cdot 6xy \cdot (-10x) \cdot 2y^2 \cdot x \\ = 1200x^4y^3$$

$$3. \quad -y + by + b - by \cdot (-1) \\ = 2by - y + b$$

$$8. \quad -cx + \frac{2x^2}{-1} + 6 + 1 \\ = -cx - 2x^2 + 7$$

$$4. \quad -7 + 7x + 6 - 1 - x \\ = 6x - 2$$

$$9. \quad \frac{245b^2z^4}{-5 \cdot 7bz \cdot z^2 \cdot (-b)} \\ = 7z$$

$$5. \quad 2y - 1 + 4y + 10 \cdot 7y \\ = 76y - 1$$

$$10. \quad 2v^2 - bv + 3b + 2 + bv \\ = 2v^2 + 3b + 2$$