

Simplifying Expressions (I)

Simplify each expression.

1. $bx \cdot 20y + 91y - \frac{x}{-1} + 48 + y + 44b$

2. $-\frac{56a}{28} + 82 \cdot (-82a) + a + 26a^2 + a \cdot a^2$

3. $83 + 69vx + a - 18au - 50 \cdot (-54a) - \frac{43au}{-1}$

4. $vy - 43y^2 - \frac{xy}{-x} - y - \frac{88x}{-88} \cdot (-y)$

5. $-\frac{35u}{u} - \frac{80bu}{-1} - \frac{627uz}{-33} + \frac{62}{62}$

Simplifying Expressions (I) Answers

Simplify each expression.

$$1. \quad bx \cdot 20y + 91y - \frac{x}{-1} + 48 + y + 44b \\ = 20bxy + 92y + x + 44b + 48$$

$$2. \quad -\frac{56a}{28} + 82 \cdot (-82a) + a + 26a^2 + a \cdot a^2 \\ = a^3 + 26a^2 - 6725a$$

$$3. \quad 83 + 69vx + a - 18au - 50 \cdot (-54a) - \frac{43au}{-1} \\ = 69vx + 25au + 2701a + 83$$

$$4. \quad vy - 43y^2 - \frac{xy}{-x} - y - \frac{88x}{-88} \cdot (-y) \\ = vy - 43y^2 - xy$$

$$5. \quad -\frac{35u}{u} - \frac{80bu}{-1} - \frac{627uz}{-33} + \frac{62}{62} \\ = 80bu + 19uz - 34$$