

Simplifying Expressions (A)

Simplify each expression.

1. $61u + 1 - 1 - 1 - y + \frac{ay^3}{ay} + 28$

2. $-91z - z - 43 + 91z - 1 + 1 + 1 - 50$

3. $bv + bv + 1 + 63 - 26 + 86b^2 + 67v - vz$

4. $\frac{576acvx}{18cv} + 73x \cdot x - 83 - a \cdot (-94c) \cdot av$

5. $92v^2 + 1 + v - 1 + vz + \frac{2v^3}{2v} + 1$

Simplifying Expressions (A) Answers

Simplify each expression.

$$\begin{aligned} 1. \quad & 61u + 1 - 1 - 1 - y + \frac{ay^3}{ay} + 28 \\ & = y^2 + 61u - y + 27 \end{aligned}$$

$$\begin{aligned} 2. \quad & -91z - z - 43 + 91z - 1 + 1 + 1 - 50 \\ & = -z - 92 \end{aligned}$$

$$\begin{aligned} 3. \quad & bv + bv + 1 + 63 - 26 + 86b^2 + 67v - vz \\ & = 2bv + 86b^2 - vz + 67v + 38 \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{576acvx}{18cv} + 73x \cdot x - 83 - a \cdot (-94c) \cdot av \\ & = 94a^2cv + 32ax + 73x^2 - 83 \end{aligned}$$

$$\begin{aligned} 5. \quad & 92v^2 + 1 + v - 1 + vz + \frac{2v^3}{2v} + 1 \\ & = 93v^2 + vz + v + 1 \end{aligned}$$