

Simplifying Expressions (G)

Simplify each expression.

1. $27a + a + u - u + \frac{26z^2}{z^2} + u + z$

2. $59z + 1 + 1 + b + 84 + y^2 + 1 + bz$

3. $-68 + 56 - 34z + 87cy - \frac{6225c^2z}{83c} + 24c + 91z^2$

4. $-\frac{cz}{cz} + c + 25c - 55au \cdot 46a \cdot 59z - 79$

5. $-\frac{3060c^2}{60c^2} - \frac{1104cz}{23} + a + 83a - 1 - y$

Simplifying Expressions (G) Answers

Simplify each expression.

$$\begin{aligned} 1. \quad & 27a + a + u - u + \frac{26z^2}{z^2} + u + z \\ & = 28a + u + z + 26 \end{aligned}$$

$$\begin{aligned} 2. \quad & 59z + 1 + 1 + b + 84 + y^2 + 1 + bz \\ & = y^2 + bz + 59z + b + 87 \end{aligned}$$

$$\begin{aligned} 3. \quad & -68 + 56 - 34z + 87cy - \frac{6225c^2z}{83c} + 24c + 91z^2 \\ & = 87cy - 75cz + 91z^2 - 34z + 24c - 12 \end{aligned}$$

$$\begin{aligned} 4. \quad & -\frac{cz}{cz} + c + 25c - 55au \cdot 46a \cdot 59z - 79 \\ & = -149270a^2uz + 26c - 80 \end{aligned}$$

$$\begin{aligned} 5. \quad & -\frac{3060c^2}{60c^2} - \frac{1104cz}{23} + a + 83a - 1 - y \\ & = -48cz + 84a - y - 52 \end{aligned}$$