Simplifying Expressions (G)

Simplify each expression.

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

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

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

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

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

Simplifying Expressions (G) Answers

Simplify each expression.

1. $27a + a + u - u + \dfrac{26z^2}{z^2} + u + z$
$= 28a + u + z + 26$

2. $59z + 1 + 1 + b + 84 + y^2 + 1 + bz$
$= y^2 + bz + 59z + b + 87$

3. $-68 + 56 - 34z + 87cy - \dfrac{6225c^2z}{83c} + 24c + 91z^2$
$= 87cy - 75cz + 91z^2 - 34z + 24c - 12$

4. $-\dfrac{cz}{cz} + c + 25c - 55au \cdot 46a \cdot 59z - 79$
$= -149270a^2uz + 26c - 80$

5. $-\dfrac{3060c^2}{60c^2} - \dfrac{1104cz}{23} + a + 83a - 1 - y$
$= -48cz + 84a - y - 52$