



Polynomial Algebra X plus 1 Squared - Squared Variables Divided by Term -

Simplify

1 What does this expression simplify to?

$$\frac{w^2 + 2w + 1}{w + 1}$$

- | | | | |
|---|-------------|---|-----------|
| A | $(w + 1)^2$ | B | $(w + 1)$ |
| C | $(w - 1)$ | | |

2 What does this expression simplify to?

$$\frac{p^2 + 2p + 1}{p + 1}$$

- | | | | |
|---|------------------|---|--------------------|
| A | $(p - 1)(p + 1)$ | B | $(p + 1)(p + 1)^2$ |
| C | | | |

3 What does this expression simplify to?

$$\frac{z^2 + 2z + 1}{z + 1}$$

- | | | | |
|---|--------------------|---|-----------|
| A | $(z - 1)(z + 1)^2$ | B | $(z + 1)$ |
| C | | | |

4 What does this expression simplify to?

$$\frac{x^2 + 2x + 1}{x + 1}$$

- | | |
|---|--------------------|
| A | $(x + 1)(x + 1)^2$ |
| B | |
| C | $(x - 1)$ |

5 What does this expression simplify to?

$$\frac{m^2 + 2m + 1}{m + 1}$$

- | | | | |
|---|-----------|---|-------------|
| A | $(m - 1)$ | B | $(m + 1)^2$ |
| C | $(m + 1)$ | | |

6 What does this expression simplify to?

$$\frac{q^2 + 2q + 1}{q + 1}$$

- | | | | |
|---|------------------|---|--------------------|
| A | $(q - 1)(q + 1)$ | B | $(q + 1)(q + 1)^2$ |
| C | | | |

7 What does this expression simplify to?

$$\frac{y^2 + 2y + 1}{y + 1}$$

- | | | | |
|---|------------------|---|-------------|
| A | $(y + 1)(y - 1)$ | B | $(y + 1)^2$ |
| C | | | |

8 What does this expression simplify to?

$$\frac{n^2 + 2n + 1}{n + 1}$$

- | | |
|---|------------------|
| A | $(n - 1)(n + 1)$ |
| B | |
| C | $(n + 1)^2$ |