

Warm-up #2: Simplifying Rational Expressions

1. $\frac{xy}{x^2y^3} \cdot \frac{x^3y^2z}{x}$

2. $\frac{2x+y}{4x^2-y^2}$

3. $\frac{\frac{x^4+2x^2+1}{x^2+1}}{x}$

4. $x - \frac{y}{x}$