

Quiz 126

Simplify. State any excluded values.

1. $\frac{7}{2x^2} \cdot \frac{4x}{21}$

2. $\frac{x^2 + 3x}{x + 5} \div \frac{x + 3}{2x + 10}$

3. $\frac{x^2 - 4x + 4}{3x^2 - 6x} \cdot \frac{x^2}{x - 2}$

4. $\frac{x^2 + 2x - 15}{2x^2 + 3x} \cdot \frac{2x + 3}{x + 5}$

5. $\frac{2x^2 - 3x - 20}{4x^3 - 25x} \div \frac{x^2 - 4x}{x^2}$