

YouTube – Fort Bend Tutoring – Multiplying Rational Expressions

What are rational expressions?

$$\frac{3x^2}{9x^3} \cdot \frac{8x^3}{6x} =$$

$$\frac{5m + 25}{10} \cdot \frac{12}{6m + 30} =$$

$$\frac{x^2 + x}{5} \cdot \frac{25}{xy + y} =$$

$$\frac{3m - 15}{4m - 20} \cdot \frac{m^2 - 10m + 25}{12m - 60} =$$

$$\frac{x^2 + 2x - 15}{x^2 + 11x + 30} \cdot \frac{x^2 + 2x - 24}{x^2 - 8x + 15} =$$

$$\frac{x^3 + y^3}{x^2 - y^2} \cdot \frac{x + y}{x^2 - xy + y^2} =$$