

Multiplying and Dividing Rational Expressions Exit Quiz

Perform the indicated operation on rational expressions.

1. $\frac{18w^3}{28y^3} \times \frac{8y^2}{15w}$

2. $\frac{20x^2}{6w} \div \frac{5x^3}{14w^2}$

3. $\frac{3x^2 - 12}{14x - 28} \times \frac{7x}{11x + 22}$

4. $\frac{4x^2 - 1}{18xy} \div \frac{6x - 3}{16x^2 + 8x}$

5. $\frac{4a^2 - ab - 5b^2}{ax + by + ay + bx} \div (8a - 10b)$