

Resuelve los ejercicios de fracciones algebraicas

1 $\frac{x^2 - 2x}{x^2 - 5x + 6} \cdot \frac{x^2 + 4x + 4}{x^2 - 4}$

2 $\frac{x^2 + 2x}{x^2 - 5x + 6} \cdot \frac{x^2 + 4x + 4}{x^2 - 4}$

3 $\frac{x + y}{x - y} + \frac{x - y}{x + y}$

4 $\frac{x^2 \cdot (x - 2) \cdot x}{(x - 1)^2}$

5 $\frac{\frac{x}{2x + 1}}{x + 1}$

6 $\frac{2}{x^2} + \frac{5}{x^2}$

7 $\frac{\frac{5m^2}{7n^3}}{\frac{10m^4}{14an^4}}$



$$\frac{5x+5y}{120} + \frac{4x+8y}{120} + \frac{2x-2y}{120}$$



$$\frac{x^2+2x}{x^2-5x+6} \div \frac{x^2+4x+4}{x^2-4}$$



$$\frac{x^2-4}{x^2-9} \cdot \frac{x^2-8x+15}{x^2-7x+10}$$



$$\frac{7a}{6m^2} \cdot \frac{3m}{10n^2} \cdot \frac{5n^4}{14ax}$$



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



$$\frac{5a}{3} - \frac{3a}{4}$$



$$\frac{5x}{3} - \frac{x}{4} + \frac{7x}{6} - \frac{3x}{2}$$



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