

Simplifica las expresiones algebraicas

★₁ Simplificar $\frac{a - \frac{a}{b}}{b - \frac{1}{b}}$

★₂ Simplificar $\frac{x^2 - \frac{1}{x}}{1 - \frac{1}{x}}$

★₃ Simplificar $\frac{\frac{a}{b} - \frac{b}{a}}{1 + \frac{b}{a}}$

★₄ Simplificar $\frac{\frac{1}{m} + \frac{1}{n}}{\frac{1}{m} - \frac{1}{n}}$

★₅ Simplificar $\frac{\frac{x}{y} - \frac{y}{x}}{1 + \frac{y}{x}}$