

FRACCIONES

Problema 22:

Resolver

$$\frac{\frac{2}{19} + \frac{1}{13}}{(3 - \frac{1}{3}) \times (\frac{1}{3} + \frac{1}{5})}$$

Solución Problema 22:

$$\frac{\frac{2}{19} + \frac{1}{13}}{(3 - \frac{1}{3}) \times (\frac{1}{3} + \frac{1}{5})} = \frac{\frac{45}{19 \times 13}}{(\frac{9-1}{3}) \times (\frac{1 \times 5 + 1 \times 3}{15})} = \frac{\frac{45}{247}}{\frac{8}{3} \times \frac{8}{15}} = \frac{\frac{45}{247}}{\frac{64}{45}}$$

$$\frac{\frac{45}{247}}{\frac{64}{45}} = \frac{45 \times 45}{64 \times 247} = \frac{\mathbf{2025}}{\mathbf{15808}}$$