

## FRACCIONES

Problema 68:

Calcular y simplificar los resultados:

$$\left( \frac{1 - \frac{x+y}{x-y}}{1 + \frac{x+y}{x-y}} \right)$$

Solución Problema 68:

$$\left( \frac{1 - \frac{x+y}{x-y}}{1 + \frac{x+y}{x-y}} \right) = \frac{\frac{(x-y) - (x+y)}{x-y}}{\frac{(x-y) + (x+y)}{x-y}} = \frac{\frac{x-y-x-y}{x-y}}{\frac{x-y+x+y}{x-y}} = \frac{-2y}{2x} = \frac{-y}{x}$$