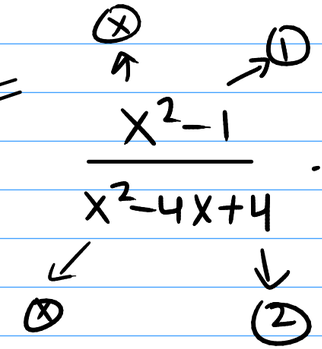
① Να κάνεις τις πράξεις: $\frac{x^2-1}{x^2-4x+4} \cdot \frac{x^2-2x}{x^2+x}$

ΛΥΣΗ



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