

Simplifica factorizando previamente numerador y denominador.

$$\frac{x^3 + 6x^2 + 11x + 6}{x^3 - 4x^2 + x + 6}$$

$$\left(\text{Soluc: } \frac{x^2 + \boxed{} + 6}{x - 5x + \boxed{}} \right)$$

$$\frac{x^3 - 3x^2 + 3x - 1}{x^2 - 2x + 1}$$

$$\left(\text{Soluc: } \boxed{} \right)$$

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

$$\left(\text{Soluc: } \frac{\boxed{} - 1}{\boxed{} + 1} \right)$$

$$\frac{x^2 + x + 1}{x^3 - 1}$$

$$\left(\text{Soluc: } \frac{\boxed{}}{\boxed{}} \right)$$

$$\frac{4x^3 - 8x^2 - x + 2}{2x^3 - x^2 - 8x + 4}$$

$$\left(\text{Soluc: } \frac{2x + 1}{x + 2} \right)$$

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

$$\left(\text{Soluc: } \frac{\boxed{}}{x^2 - 2x - 3} \right)$$