

$$\frac{a^3 - x^3}{a^3 + x^3} : \frac{a - x}{a^2 - ax + x^2} = \frac{a^2 + ax + x^2}{a + x}.$$
$$\left(1 - \frac{4}{x} + \frac{1}{x^2} + \frac{6}{x^3}\right) : \left(\frac{1}{x} - \frac{2}{x^2} - \frac{3}{x^3}\right) = x - 2.$$