§2.3 #20. Evaluate the limit.

$$\lim_{t \to 1} \frac{t^4 - 1}{t^3 - 1}$$

Formulas.

$$x^3 + y^3 = (x + y)(x^2 - xy + y^2)$$

$$x^3 - y^3 = (x - y)(x^2 + xy + y^2)$$