

$$\frac{x^3 + x^2 y}{xy^3 - xy^2} - \frac{x + yx}{x^2 - y^2}$$

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

$$xy^3 - xy^2 = xy^2 (y - 1)$$

$$x + yx = x(1 + y)$$

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

$$\frac{x^2 (x + y) (x + y) (x - y) - x(1 + y) xy^2 (y - 1)}{xy^2 (y - 1) (x + y) (x - y)}$$