

Ví dụ 1: Thực hiện phép tính:

$$\text{a, } \frac{1-2x}{6x^3y} + \frac{2x-4}{6x^3y}$$

$$\text{b, } \frac{x^2-2}{x(x-1)^2} + \frac{2-x}{x(x-1)^2}$$

Lời giải:

$$\text{a, } \frac{1-2x}{6x^3y} + \frac{2x-4}{6x^3y} = \frac{1-2x+2x-4}{6x^3y}$$

$$= \frac{-3}{6x^3y}$$

$$= \frac{-1}{2x^3y}$$

$$\text{b, } \frac{x^2-2}{x(x-1)^2} + \frac{2-x}{x(x-1)^2} = \frac{x^2-2+2-x}{x(x-1)^2}$$

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

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

$$= \frac{1}{x-1}$$