

$$1. \frac{4x^2}{y^5} = 4x^2y^{-5}$$

$$2. \frac{2x(x-3)}{(x+1)^2} = 2x(x-3)(x+1)^{-2}$$

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

$$4. \frac{2x}{(3y)^2} = 2x(3y)^{-2}$$

$$5. \frac{2x-3}{2x+5} = (2x-3)(2x+5)^{-1}$$