

Question

Following the positive indices

- a. x/y^{-2} .
- b. $3x^{-1}2^2/(5y^{-3})$

Solution

following the positive indices

$$\frac{x}{y^{-2}} = xy^2$$

$$\frac{3x^{-1}2^2}{5y^{-3}} = \frac{3 * 2^2y^3}{5x} = \frac{3 * 4y^3}{5x} = \frac{12y^3}{5x}$$

Answer:

- a. xy^2 ;
- b. $\frac{12y^3}{5x}$.