Answer on Question #59322 - Math - Algebra

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.** $\frac{12y^3}{5x}$.