

OPERATIONS WITH EXPONENTS – NEGATIVE EXPONENTS

NAME: _____

Simplify the following. Write it positive exponents.

(01). $\frac{2x^{-1}}{x^{-4}}$

(02). $\frac{m}{2m^{-2}}$

(03). $\frac{5y^{-3}}{2y^{-2}}$

(04). $a^{-2} \times a^{-3}$

(05). $\frac{a^2}{a^{-5}} \times a^{-8}$

(06). $2a^{-4} \times 3a^2$

(07). $3x^{-2} \times 4x^{-2}$

(08). $\frac{10x^{-5}}{5x^2}$

(09). $\frac{4x^{-3} \times x^{-5}}{2x^2}$

(10). $3y^{\frac{1}{2}} \times \frac{y^{-\frac{1}{3}}}{6y^{-\frac{2}{5}}}$

(11). $\left(\frac{2x}{3y}\right)^{-2}$

(12). $\frac{4x^{-2}}{10x^{-5}} \times \frac{15x^3}{5x^{-2}}$

(13). $\frac{(3y)^{-5}}{9y^{-3}} \times \frac{y^{-2}}{(3y)^{-4}}$

(14). $\frac{(2p)^{-2} \times (2p)^3}{(2p)^4}$