

Name _____ Block. _____

Exercises with negative exponents

Express as positive exponents

1.) $m^2 \cdot m^{-4}$

2.) $5^6 \cdot 5^{-2}$

3.) $\frac{x^3}{x^7}$

4.) $3^4 \div 3^{12}$

5.) $\frac{m^2 n^3}{m^5 n}$

6.) $\frac{x^2 y^4 z^6}{x^5 y^3 z^8}$

7.) $\frac{2^6 \cdot 3^3}{2^4 \cdot 3^6}$

8.) $\frac{25m^7 n^5}{5m^2 n^8}$

9.) $(4x^2 y^{-3})(-3x^{-5} y)$

10.) $(10m^{-2} n^5)(m^2 n^{-1})$

11.) $\frac{m^{-3} n}{m^2 n^{-2}}$

12.) $\frac{x^{-2} y^3 z^{-5}}{x^3 y^{-2} z^3}$

13.) $\frac{a^2 b^{-3} c^5}{a^4 b^{-2} c^{-2}}$

14.) $\frac{5^6 \cdot 4^{-2} \cdot 3}{5^6 \cdot 4 \cdot 3^{-2}}$

