

Simplify each expression.

1)  $\frac{x^7}{x^4}$

2)  $\frac{x^6}{x^2}$

3)  $\frac{20x^8}{5x}$

4)  $\frac{y}{y^3}$

5)  $\left(\frac{x^2}{x^3}\right)^2$

6)  $\frac{x^5}{x^2}$

7)  $\frac{m^3 p^2 n^4}{m^2 n}$

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

9)  $\frac{(-3x^2y)(-4x^3y^2)}{-8x^2y}$

Simplify the expression. Write the answer without negative exponents.

10)  $\frac{x^2}{x^3}$

11)  $\frac{x^2}{x^3}$

12)  $\frac{2a^2 b^2}{2a^2 b}$