

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) $\frac{xy^3y^2x^2}{xyx}$

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

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

Simplify the expressions. Write the answers without negative exponents.

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

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

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