

Simplify each expression.

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

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

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

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

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

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

7) $\frac{xy^3z^4}{xyz}$

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

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

Simplify the expressions. Write the answers without negative exponents.

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

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

12) $\frac{2a^2b^3}{2a^2b}$