

EXPONENTS - EXTRA PRACTICE



• Evaluate or Simplify

$$A = \frac{2^3 \times 2^5}{2^4 \times 2^8}$$

$$B = \frac{8x^5y^{-4}}{16x^8y^2}$$

$$C = (2x^3y)^2 \cdot \left(\frac{3}{4}x^2y^5\right)^{-2}$$

$$D = \left[\left(\frac{3}{4}\right)^2 \times \left(\frac{3}{4}\right)^{-3}\right]^{-2}$$

$$E = \frac{(3xy)^2 \times (2x^2y)^{-1}}{(2xy^2)^{-3}}$$

$$F = (2x^3y^{-2})^{-4} \times (3xy^{-5})^2$$

$$G = 2^{-5}x^6y \times \left(\frac{3}{5}x^2y^{-1}\right)^{-2}$$

$$H = \frac{16x^2y^{-3}}{8x^3y^2}$$

$$I = \frac{-32x^2y^4}{64x^3y^5}$$

$$J = \left(\frac{7x^3}{14x^{-5}}\right)^{-2}$$

$$K = \left(\frac{3,2x^3y^5}{1,6x^2y^{-1}} \right)^{-3}$$

$$L = \frac{2^{x+3} \times 2^{3x+1}}{2^{x-3}}$$

$$M = \left(\frac{3^{x+1}}{3^{x-5}} \right)^{1/3}$$

$$N = (5^{x+3})^2 \times \frac{3}{5^{2x+1}}$$

$$O = \frac{x^5(3x^2y^{-3})^2}{9x^3y^{-2}}$$