

EXONENTS - Extra special

$$A = \frac{3^{12}}{3^{20}}$$

$$B = \frac{5^3 \times 2^{-3}}{2^5 \times 5^4}$$

$$C = \frac{27^3 \times 2^{-5} y^2}{9^4 \times 2^{-2} y^{-3}}$$

$$D = (3x^2y^{-3})^{-4}$$

$$E = \left( \frac{2x^3y^2}{3x^8y^{-4}} \right)^{-5}$$

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

$$G = (5x - 3)^2$$

$$H = \frac{2^6 - 2^5}{2^4 - 2^3}$$

$$I = \frac{5x^2y^{-1} \times (2xy^3)^4}{10x^3y^{-5}}$$

$$J = 128^{1/4} \times (3x^{2/3}y^{1/2})^6 \times \left(\frac{3}{2}\right)^5 x^2y^{-3}$$

$$K = \frac{(0.3x^2y^3)^5}{(3xy^{-2})^{-4}}$$

$$K = \frac{(3 \times 10^8)^{-1}}{(0.5 \times 10^3)^2}$$

$$L = 0.8 \times 10^{-11} \left( 3 \times 10^8 \right)^{-1} = \left( \frac{3}{5} \right)^2 \times 10^{-11}$$

$$I = \frac{10 \times 10^{-2}}{2 \times 10^{-2} + (5 \times 10^{-3})^2}$$

$$H = \frac{5 \times 10^{-3}}{5 \times 10^{-3}}$$

$$G = (2 - 3)$$

$$E = \left( \frac{3}{5} \times 10^{-11} \right)^2 + \left( \frac{3}{5} \times 10^{-11} \right)^2$$

$$F = \left( \frac{3 \times 10^8}{5 \times 10^3} \right)^2$$

$$D = (3 \times 10^8)^{-1}$$

$$C = \frac{10 \times 10^{-2}}{5 \times 10^{-3}}$$

$$B = \frac{5 \times 10^{-3}}{2 \times 10^{-3}}$$

$$A = \frac{5 \times 10^{-3}}{2 \times 10^{-3}}$$

EXERCICES - CHAPITRE 2008