

PUISSANCE D'UN RELATIF

Je connais les formules

$$a^n \times a^p = \dots \quad \frac{a^n}{a^p} = \dots \quad (a^n)^p = \dots \quad (a \times b)^n = \dots \quad \left(\frac{a}{b}\right)^n = \dots$$

Je sais les utiliser

$$A = 2^4 \times 2^5 \quad B = (-2)^4 \times (-2)^{-7} \quad C = 9^4 \times 9 \quad D = a^4 \times a^{-3} \times a^6 \quad E = (a^1)^0$$

$$F = 3^4 \times 5^4 \quad G = \frac{6^4}{6^9} \quad H = \frac{12^7}{12^{-8}} \quad I = \frac{6^4 \times 6^{-5}}{6^9} \quad J = (a^7)^4 \times a^{-8}$$

$$K = \frac{a^{-4} \times a^5}{a^9 \times a^{-6}} \quad G = \frac{6^{-4}}{6^{-9}} \quad M = (a^4 \times a^2)^{-5}$$

Je sais calculer

$$A = 2^3 \times 3 \quad B = (-1)^3 \times 3^2 + 2 \times 4^2 \quad C = 1 + 2^2 - 3^2 + 4^{-1} \quad D = (-1 \times 2^3)^{-2}$$