

ESERCIZI: REGOLE DELLE POTENZE

$$[2^3 * 2^4] = 2^7$$

$$\{4^3 * 4 + 4^5\} = 4^4 + 4^5$$

$$[2^5 * 2 : 2^2]^2 = 2^8$$

$$\{5 : (3^2 * 3^3)^8 + 3^3 : 3 + 5 * (5^7 : 5^6 * 5)^4\}^0 = 1$$

$$4^2 : 2^3 = (2^2)^2 : 2^3 = 2^4 : 2^3 = 2$$

$$27 : 3^2 = 3^3 : 3^2 = 3$$

$$\begin{aligned} [2 + (2^4 * 2^5 : 4^3)^2 : (2^7 : 2^3 : 2^2)^3]^3 &= [2 + (2^9 : 2^6)^2 : 2^6]^3 \\ &= [2 + 2^6 : 2^6]^3 = 3^3 \end{aligned}$$

$$\begin{aligned} (4^3 : 16 + 9 : 3 * 27) * 2^5 &= (4^3 : 4^2 + 3 * 3^3) * 2^5 \\ &= (4 + 3^4) * 2^5 = (4 + 81) * 32 = 85 * 32 = 2720 \end{aligned}$$

$$\begin{aligned} [(3 * 9)^4 : 9^4]^3 : (4 * 2 * 2^7) * (2^4 * 2^0) \\ &= [(3 * 3^2)^4 : 3^8]^3 : (2^2 * 2 * 2^7) * 2^4 \\ &= [3^{12} : 3^8]^3 : 2^{10} * 2^4 = 3^{12} : 2^{10} * 2^4 = \dots \end{aligned}$$

Digitare l'equazione qui.