

$$2 \times 2 = 4$$

$$2 \times 2 = 2^2$$

$$2 \times 2 \times 2 = 8$$

$4 \times 2 = 8$

$$2 \times 2 \times 2 = 2^3$$

$$\begin{array}{rcl}
 \underbrace{2 \times 2}_4 \times \underbrace{2 \times 2}_4 = 16 & & \\
 \underbrace{2 \times 2 \times 2}_8 \times 2 = 16 & & \\
 \hline
 & & \left. \begin{array}{l} 16 \\ 16 \end{array} \right\} 2^4
 \end{array}$$

$$\begin{array}{l}
 \underbrace{2 \times 2 \times 2 \times 2 \times 2}_{16} = 32 \\
 \underbrace{2 \times 2 \times 2 \times 2}_{8} \times \underbrace{2 \times 2}_{4} = 32 \\
 \underbrace{2 \times 2 \times 2}_{4} \times \underbrace{2 \times 2 \times 2}_{8} = 32
 \end{array}
 \left. \vphantom{\begin{array}{l} 2 \times 2 \times 2 \times 2 \times 2 \\ 2 \times 2 \times 2 \times 2 \times 2 \\ 2 \times 2 \times 2 \times 2 \times 2 \end{array}} \right\} 2^5$$

$$\begin{array}{cccccccccccccccc}
 1 & 2 & 3 & 4 & & 5 & 6 & & 7 & 8 & & 9 & 10 & 11 & & 12 & 13 & 14 \\
 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 =
 \end{array}$$

$$5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 = 5^{14}$$

5 puissance 14  
5 exposant 14

$$3 + 3 + 3 + 3 = 4 \times 3$$

$$3 \times 3 \times 3 \times 3 = 3^4$$