

Correction énigmes de jeudi 4ème/3ème

$$\begin{array}{ccc} \text{cube} & + & \text{cube} \\ \text{cube} & + & \text{cube} \end{array} = 60$$

$$\begin{array}{ccc} \text{cube} & + & \text{triangle} \\ \text{cube} & + & \text{triangle} \end{array} = 30$$

$$\begin{array}{ccc} \text{triangle} & - & \text{cube} \\ \text{triangle} & - & \text{cube} \end{array} = 3$$

$$\begin{array}{ccc} \text{cube} & + & \text{cube} \times \text{triangle} \end{array} = ??$$

$$\begin{array}{c} \text{cube} \\ = 60 / 3 = 20 \end{array}$$

$$\begin{array}{ccc} \text{triangle} & + & \text{triangle} \\ \text{triangle} & + & \text{triangle} \end{array} = 10 \text{ car } (20 + 10 = 30) \text{ et donc } \begin{array}{c} \text{triangle} \\ = 10 / 2 = 5 \end{array}$$

$$\begin{array}{ccc} \text{cube} & \text{cube} & = 2 \text{ car } 5 - 2 = 3 \text{ et donc } \begin{array}{c} \text{cube} \\ = 1 \text{ (car } 1+1=2) \end{array} \end{array}$$

$$\begin{array}{ccc} \text{cube} & + & \text{cube} \times \text{triangle} \\ \text{cube} & + & \text{cube} \times \text{triangle} \end{array} = 1 + 20 \times 5 = 1 + 100 = 101$$