

X - ciocan
Y - ferăstrău
Z - cutie scule

$$X + Y = 10 \quad (\text{fig. 1})$$

$$Y + Z = 20 \quad (\text{fig. 2})$$

$$X + Z = 24 \quad (\text{fig. 3})$$

$$X + Y + Z = ?$$

$$\left. \begin{array}{l} X + Y = 10 \\ Y + Z = 20 \\ X + Z = 24 \end{array} \right\} \begin{array}{l} \rightarrow X = 10 - Y \\ X = Y + 4 \end{array} \left. \vphantom{\begin{array}{l} X + Y = 10 \\ Y + Z = 20 \\ X + Z = 24 \end{array}} \right\} \begin{array}{l} 2X = 14 \\ X = 7 \end{array}$$

$$\left. \begin{array}{l} X + Z = 24 \\ X = 7 \end{array} \right\} Z = 24 - 7 = 17$$

$$\left. \begin{array}{l} Y + Z = 20 \\ Z = 17 \end{array} \right\} Y = 20 - 17 = 3$$

RĂSPUNS :

$$X + Y + Z = 7 + 3 + 17 = 27$$