

Propiedades de la suma

Conmutativa

El orden de los sumandos no altera el resultado final de la suma

$$\begin{array}{c} 21 + 13 = 13 + 21 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 34 \quad \quad 34 \end{array}$$



Asociativa

Si asociamos los sumandos de distinta manera, el resultado de la suma no varía

$$\begin{array}{c} (12 + 3) + 6 = 12 + (3 + 6) \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 15 + 6 \quad \quad 12 + 9 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 21 \quad \quad 21 \end{array}$$

1. Aplique las propiedades de la adición:

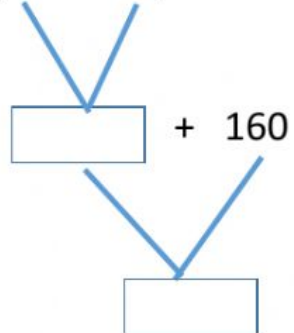
Conmutativa

$$\begin{array}{c} 435 + 89 = \boxed{} + \boxed{} \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ \boxed{} \quad \quad \boxed{} \end{array}$$

$$\begin{array}{c} 902 + 35 = \boxed{} + \boxed{} \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ \boxed{} \quad \quad \boxed{} \end{array}$$

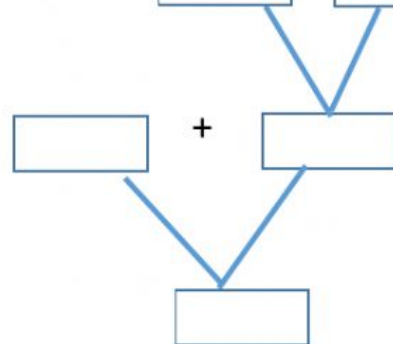
Asociativa

$$(34 + 28) + 160$$

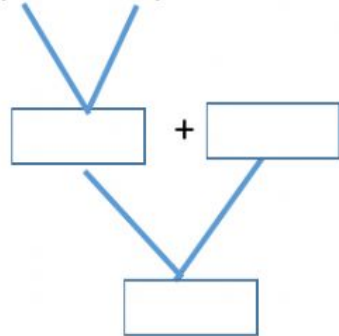


=

$$34 + (\text{ } + \text{ })$$

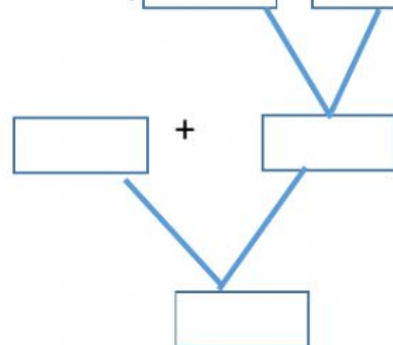


$$(42 + 19) + 38$$



=

$$42 + (\text{ } + \text{ })$$



Modulativa

$$543 + 0 = \text{ }$$

$$11 + 0 = \text{ }$$