

# + Addition +

**Addition can be done in any order.** It does not matter which order you add numbers. Choose the order you find easiest!

**Knowing doubles** can help

i.e  $50 + 50 = 100$

$51 + 54 = 105$



**Addition and subtraction are opposites**

An addition sum can be checked by subtracting:

$58 + 46 = 104$

$104 - 46 = 58$

**Add the tens then the units**

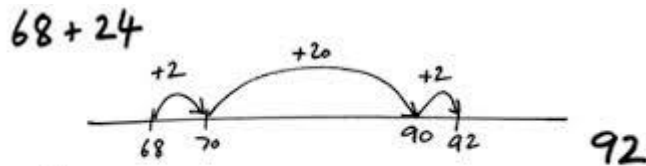
$47 + 36 =$

$40 + 30 = 70$

$7 + 6 = 13$

$13 + 70 = 83$

**Jumping along a number line**



“ I'll count on 2 to reach 70. Then I can jump 20 to reach 90. I need to add just 2 more after that. The answer is 92. ”

**Column addition**

$$\begin{array}{r} 37 \\ + 45 \\ \hline 82 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 38 \\ + 93 \\ \hline 131 \\ \hline 1 \end{array}$$

# - Subtraction -

**Addition and subtraction sums are opposite**

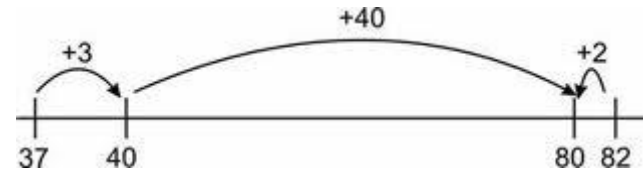
Check a subtraction sum by addition

$86 - 38 = 48$

$48 + 38 = 86$

**Use counting on method**

$82 - 37 = 45$



**Column Subtraction**

$$\begin{array}{r} 783 \\ - 35 \\ \hline 48 \end{array} \quad \begin{array}{r} 5263 \\ - 125 \\ \hline 138 \end{array} \quad \begin{array}{r} 8948 \\ - 263 \\ \hline 685 \end{array}$$