

Com sumar elegantment de 0 a 100, de 100 a 200,...

$$0 + 1 \dots \rightarrow 9 = 45$$

$$10 \times 10 + 1 \dots \rightarrow 9 = 145$$

$$20 \times 10 + 1 \dots \rightarrow 9 = 245$$

$$30 \times 10 + 1 \dots \rightarrow 9 = 345$$

↓

$$90 \times 10 + 1 \dots \rightarrow 9 = 945$$

$$\begin{array}{r} + 100 \\ \hline \sum_1^{100} n = 5050 \end{array}$$

$$(100 \times 10) + 45 = 1045$$

$$(110 \times 10) + 45 = 1145$$

$$(120 \times 10) + 45 = 1245$$

$$(130 \times 10) + 45 = 1345$$

↓

$$(190 \times 10) + 45 = 1945$$

$$\begin{array}{r} + 200 \\ \hline \end{array}$$

$$\sum_{101}^{200} n = 15150$$

$$(200 \times 10) + 45 = 1045$$

$$(210 \times 10) + 45 = 1145$$

$$(220 \times 10) + 45 = 1245$$

$$(230 \times 10) + 45 = 1345$$

↓

$$(290 \times 10) + 45 = 1945$$

$$\begin{array}{r} + 300 \\ \hline \end{array}$$

$$\sum_{201}^{300} n = 25250$$

$$(300 \times 10) + 45 = 3045$$

$$(310 \times 10) + 45 = 3145$$

$$(320 \times 10) + 45 = 3245$$

$$(330 \times 10) + 45 = 3345$$

↓

$$(390 \times 10) + 45 = 3945$$

$$\begin{array}{r} + 400 \\ \hline \end{array}$$

$$\sum_{301}^{400} n = 35350$$