

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

$$0 + 1 \dots \rightarrow 9 = 40$$

$$10 \times 10 + 1 \dots \rightarrow 9 = 140$$

$$20 \times 10 + 1 \dots \rightarrow 9 = 240$$

$$30 \times 10 + 1 \dots \rightarrow 9 = 340$$

↓

$$90 \times 10 + 1 \dots \rightarrow 9 = 940$$

+ 100

$$\sum_1^{100} n = 4500$$

$$(100 \times 9) + 40 = 940$$

$$(110 \times 10) + 40 = 1140$$

$$(120 \times 10) + 40 = 1240$$

$$(130 \times 10) + 40 = 1340$$

↓

$$(190 \times 10) + 40 = 1940$$

+ 200

$$\sum_{101}^{200} n = 14500$$

$$(200 \times 9) + 40 = 1040$$

$$(210 \times 10) + 40 = 1140$$

$$(220 \times 10) + 40 = 1240$$

$$(230 \times 10) + 40 = 1340$$

↓

$$(290 \times 10) + 40 = 1940$$

$$\begin{array}{r} + 300 \\ \hline \sum_{201}^{300} n = 24500 \end{array}$$

$$(300 \times 9) + 40 = 2740$$

$$(310 \times 10) + 40 = 3140$$

$$(320 \times 10) + 40 = 3240$$

$$(330 \times 10) + 40 = 3340$$

↓

$$(390 \times 10) + 40 = 3940$$

$$\begin{array}{r} + 400 \\ \hline \sum_{301}^{400} n = 34500 \end{array}$$