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

0   + 1 …→ 9 =   45

10 x 10 + 1… → 9 = 145

20 x 10 + 1… → 9 = 245

30 x 10 + 1… → 9 = 345

↓

90 x 10 + 1… → 9 = 945

   + 100
          _____

          $\sum_0^{100} n = 5050$

                                  (100 x 10) + 45 = 1045

                                  (110 x 10) + 45 = 1145

                                  (120 x 10) + 45 = 1245

                                  (130 x 10) + 45 = 1345

                                              ↓

                                  (190 x 10) + 45 = 1945

                                        + 200
                                  _____

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

(200 x 10) + 45 = 1045

(210 x 10) + 45 = 1145

(220 x 10) + 45 = 1245

(230 x 10) + 45 = 1345

↓

(290 x 10) + 45 = 1945

$$+\ 300$$

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