0	99
100	199
200	299
300	399
400	499
500	599
600	699
700	799
800	899
900	999

36
$1 = 3$
$2 = 3$
$3 = 5$
$4 = 4$
$5 = 4$
$6 = 3$
$7 = 5$
$8 = 5$
$9 = 4$

70
$10 = 3$
$11 = 6$
$12 = 6$
$13 = 8$
$14 = 8$
$15 = 7$
$16 = 7$
$17 = 9$
$18 = 8$
$19 = 8$

46
$20 = 6 \qquad 6 \cdot 10 + 36$
$30 = 6 \qquad 6 \cdot 10 + 36$
$40 = 5 \qquad 5 \cdot 10 + 36$
$50 = 5 \qquad 5 \cdot 10 + 36$
$60 = 5 \qquad 5 \cdot 10 + 36$
$70 = 7 \qquad 7 \cdot 10 + 36$
$80 = 6 \qquad 6 \cdot 10 + 36$
$90 = 6 \qquad 6 \cdot 10 + 36$

$46 \cdot 10 + 8 \cdot 36 = 748$

hundred $= 7$
one thousand $= 11$
and $= 3$

$1 \sim = 13$
$2 \sim = 13$
$3 \sim = 15$

$748 + 70 + 36 = 854$

$857 + (99 \cdot 3 + 100 \cdot 7 + 3 \cdot 100 + 857$

and   —hundred   hundred   1000
$10 \cdot 854 + (3 \cdot 99 \cdot 9) + (100 \cdot 36) + (900 \cdot 7) + 11 =$

$\boxed{21124}$