

10^2	10^1	10^0	
		112	$s(112) = 112 = 112 - 0 \cdot 9$
	1	102	$s(112) = 103 = 112 - 1 \cdot 9$
	2	92	$s(112) = 94 = 112 - 2 \cdot 9$
	3	82	$s(112) = 85 = 112 - 3 \cdot 9$
	4	72	$s(112) = 76 = 112 - 4 \cdot 9$
	⋮		
	10	12	$s(112) = 22 = 112 - 10 \cdot 9$
	11	2	$s(112) = 13 = 112 - 11 \cdot 9$
1	1	2	$s(112) = 4 = 112 - 12 \cdot 9$