

# 1281. Subtract the Product and Sum of Digits of an Integer

## Description

Given an integer number `n`, return the difference between the product of its digits and the sum of its digits.

### Example 1:

**Input:** `n = 234`

**Output:** `15`

**Explanation:**

Product of digits =  $2 * 3 * 4 = 24$

Sum of digits =  $2 + 3 + 4 = 9$

Result =  $24 - 9 = 15$

### Example 2:

**Input:** `n = 4421`

**Output:** `21`

**Explanation:**

Product of digits =  $4 * 4 * 2 * 1 = 32$

Sum of digits =  $4 + 4 + 2 + 1 = 11$

Result =  $32 - 11 = 21$

### Constraints:

- `1 <= n <= 10^5`

