The Blunder

Samantha was tasked with calculating the average monthly salaries for all employees in the **EMPLOYEES** table, but did not realize her keyboard's 0 key was broken until after completing the calculation. She wants your help finding the difference between her miscalculation (using salaries with any zeroes removed), and the actual average salary.

Write a query calculating the amount of error (i.e.: $actual - miscalculated$ average monthly salaries), and round it up to the next integer.

Input Format

The **EMPLOYEES** table is described as follows:

Column	*Type*
ID	*Integer*
Name	*String*
Salary	*Integer*

Note: *Salary* is measured in dollars per month and its value is $< 10^5$.

Sample Input

ID	*Name*	*Salary*
1	*Kristeen*	*1420*
2	*Ashley*	*2006*
3	*Julia*	*2210*
4	*Maria*	*3000*

Sample Output

```
2061
```

Explanation

The table below shows the salaries *without zeroes* as they were entered by Samantha:

ID	*Name*	*Salary*
1	*Kristeen*	*142*
2	*Ashley*	*26*
3	*Julia*	*221*
4	*Maria*	*3*

Samantha computes an average salary of 98.00. The *actual* average salary is 2159.00.

The resulting error between the two calculations is $2159.00 - 98.00 = 2061.00$ which, when rounded to the next integer, is 2061.

```
SELECT CEIL(AVG(Salary) - AVG(REPLACE(Salary,'0',''))) FROM EMPLOYEES;
```