Programming Basics Exam

Problem 5. Computer Firm

A computer company has hired you to calculate possible sales. Write a program that calculates the **average rating and possible sales for a certain number of computers**. First, a number is entered from the console, which is the **number of computers**. Then, one number is entered consecutively for each computer:

- The **last digit** of this number represents the rating. It will be in the range **[2...6]**.
- The **remaining figures** represent **possible sales**.

The computer sale is scaled based on a rating:

- **Rating 2** takes **0%** of possible sales.
- **Rating 3** takes **50%** of possible sales.
- **Rating 4** takes **70%** of possible sales.
- **Rating 5** takes **85%** of possible sales.
- **Rating 6** takes **100%** of possible sales.

Input

You must read from the console:

On the first line:

- **n - Number of computers - integer in the range [1...10]**

On the next **n lines**:

- **The number representing sales and rating - an integer in the range [32...306]**

Output

You must print on the console **2 lines**:

- The number of **sales** made
- The **average arithmetic rating** for all computers

Sales and **rating** must be formatted to the **second digit** after the decimal point.

Sample Input and Output

Input	Output	Constrains
3 103 103 103	15.00 3.00	We have a **total** of **3 computers**. For **each** of them the student has received accordingly: □ **103 - last digit 3** □ **rating 3** □ **103 without the last digit** □ **possible sales 10.** But because the **rating** is **3, 50%** of the sales are made □ **3 rating * (50% out of 10 possible sales) = 15 sales**. The **average rating** of the computers is **3.00**.
5 122 156	45.00 3.80	

202 214 185		
2 204 206	34.00 5.00	