

# Salary 2

ABC Company calculates the salary of the seasonal staff by hour. Note that working hours over 8 hours(Overtime) is 1.5 times the hourly wage (Wage). Given the working time of 5 days a week and hourly wages. Calculate the salary of employees and the average office hour salary and the average overtime pay.

## Input

The first line is the number of employees, no more than 1000

The next n lines, consisting of 5 real numbers, are 5-day working hours and hourly wages

## Output

The first n lines are the wages of n people

The next line is the average salary per office hour

The bottom line is the average salary per hour overtime.

Numbers are rounded to the 2nd decimal place

## Example

### Input:

```
3
1 2 3 10 2 5
11.0 0 0 0 0 6.2
1 1 1 1 1 10
```

### Output:

```
95
77.5
50
6.19
8.58
```