

# Programming Basics Exam

## Problem 1. Shopping

Peter, who is at work, decides he wants to order some parts and programs for his computer. When his break time comes, he starts shopping online. **He wants to spend 5 minutes to get a white frappe**, but before that he has to spend **3 times by 2 minutes** to buy **computer hardware** and **2 times by 2 minutes** to buy **software**.

Write a Program That Calculates How Much He Spent During His Break Time and How Much Time He Had to Relax After Shopping Online and Buying a White Frappe.

### Input

Read from console **4** numbers:

- First line **rest time** - an **integer** in the range [20 ... 40]
- Second line **order price per hardware part** - **real number** in the interval [2.00 ... 69.00]
- On a third line **order price per software** - **real number** in the range [3.00 ... 100.00]
- Fourth line **price for white frappe** - **real number** in the range [0.50 ... 7.00]

### Output

You must print two lines on the console:

- **Total spent money during the break** - formatted to the second decimal
- **The remaining time for relaxation**

### Sample Input and Output

Input	Output	Comment
20 2 4 3	17.00 5	Peter has a <b>20 minute break</b> in which he spends <b>5 minutes</b> buying a white frappe: $20 - 5 = 15$ min.  The rest of the time spends <b>3 times 2 minutes</b> to buy hardware: $3 * 2 = 6$ min.  And <b>2 times by 2 minutes</b> to buy programs: $2 * 2 = 4$ min.  Relaxation time: $15 - (6 + 4) = 5$ min.  Spent money for hardware: $3 * 2 = 6$  Spent money for software: $2 * 4 = 8$  <b>Total money spent: <math>8 + 6 + 3 = 17.00</math></b>
35 2.50 1.20 6.30	16.20 20	
40 16.66 35 4.20	124.18 25	

