## Snowballs

*Tony and Andi love playing in the snow and having snowball fights, but they always argue which makes the best snowballs. They have decided to involve you in their fray, by making you write a program, which calculates snowball data, and outputs the best snowball value.*

You will receive N – an **integer**, the **number** of **snowballs** being made by Tony and Andi.  
**For each snowball** you will receive **3 input lines**:

* On the **first line** you will get the snowball\_snow – an **integer**.
* On the **second line** you will get the snowball\_time – an **integer**.
* On the **third line** you will get the snowball\_quality – an **integer**.

**For each snowball** you must **calculate** its snowball\_value by the following formula:

(snowball\_snow / snowball\_time) ^ snowball\_quality

At the end you must print the **highest** calculated snowball\_value.

### Input

* On the **first input line** you will receive **N** – the **number** of **snowballs**.
* On the **next N \* 3 input lines** you will be receiving **data** about **snowballs**.

### Output

* As output you must print the **highest** calculated snowball\_value, by the formula, **specified above**.
* The output format is:   
  {snowball\_snow} : {snowball\_time} = {snowball\_value} ({snowball\_quality})

### Constraints

* The **number** of **snowballs** (N) will be an **integer** in **range [0, 100]**.
* The snowball\_snow is an **integer** in **range [0, 1000]**.
* The snowball\_time is an **integer** in **range [1, 500]**.
* The snowball\_quality is an **integer** in **range [0, 100]**.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2  10  2  3  5  5  5 | 10 : 2 = 125 (3) |
| 3  10  5  7  16  4  2  20  2  2 | 10 : 5 = 128 (7) |