# Problem 1 – Snowballs

Tony and Andi love playing in the snow and having snowball fights, but they always argue which makes the best snowballs. Because they are girls (which means they are completely illogical), 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 snowballSnow – an **integer**.
* On the **second line** you will get the snowballTime – an **integer**.
* On the **third line** you will get the snowballQuality – an **integer**.

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

(snowballSnow / snowballTime) ^ snowballQuality

At the end you must print the **highest** calculated snowballValue.

## 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 snowballValue, by the formula, **specified above**.
* The output format is:   
  {snowballSnow} : {snowballTime} = {snowballValue} ({snowballQuality})

## Constraints

* The **number** of **snowballs** (N) will be an **integer** in **range [0, 100]**.
* The snowballSnow is an **integer** in **range [0, 1000]**.
* The snowballTime is an **integer** in **range [1, 500]**.
* The snowballQuality is an **integer** in **range [0, 100]**.
* Allowed working **time** / **memory**: **100ms** / **16MB**.

## 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) |