

Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
8199994	02:51:37	Growling Gears	✔ Accepted	0.00 s	C++
	✔✔				

Submission contains 1 file:

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FILENAME	FILESIZE	SHA-1 SUM	
growlinggears.cpp	479 bytes	3aa63b696a84f4bd1e8713859079a40629d267e9	download

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growlinggears.cpp

```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5 #define INF 999999
6
7 void solve(int n, int t){
8     cin >> t;
9
10    while (t--) {
11        cin >> n;
12        double a, b, c, t, mt = 0;
13        int answer = 1;
```

Help

```
14     for (int i = 1; i <= n; i++) {
15         cin >> a >> b >> c;
16         t = b * b / (4 * a) + c;
17         if (t > mt){
18             mt = t;
19             answer = i;
20         }
21     }
22     cout <<answer<<endl;
23 }
24 }
25
26 int main() {
27
28     int n;
29     int t;
30
31     solve(n,t);
32
33     return 0;
34
35 }
```