## horizontal line

**SQUARE ROOT**

# **Problem Statements :**

You are given an integer *n*. Find the square root of the number.

# **Input Format :**

An integer T, denoting the number of test cases. Each test case contains an integer N.

# **Constraints :**

1<=T<=10^5  
1<=N<=10^12

# **Output Format :**

Output a floating point number which is square root of the integer N.

(Note: Print the answer upto 4 decimal places only).

# **Sample Input :**

2  
100  
1000

# **Sample Output :**

10.0000  
31.6227

**Explanation :**

# In first test case, (10.0000)*(10.0000)=100=*n\* and hence 10.0000 is the square root of *n*.