**Aman & Mr.Sharma**

On a distant planet far away from Earth lives a boy named Aman.He loves to run everyday.But his running distance is directly affected by how much horlicks his mother mixed in his milk today.If his mother has mixed x grams of horlicks,then Aman will be capable of running 100\*x meters at most on that day.

Aman's instructor, Mr.Sharma ,is a very strict yet very caring.Everyday he asks Aman to run around a circle of radius r once.If Aman is able to complete the circle,he would get a toffee.

**Note:Take value of pie=22/7.**

**CONSTRAINTS:**

1<=d<105

1<=r<106

1<=x<=104

**INPUT:**

First line contains d,no. of days Aman goes to his instructor.Next d lines each contain r,radius of circle and x,amount of horlicks.

**OUTPUT:**

Print total number of toffees Aman would finally have at the end of d days.

**SAMPLE INPUT**

3

3 2

5 2

1 2

**SAMPLE OUTPUT**

3