



Speed of train

Problem Code: **TMS**



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Problem description.

Bob is moving on a train. He wants to note the speed of the train, however he has no clue about it. Thus, he decides to count the number of pillars encountered in a time **T**. Assuming **N** pillars are separated by a distance of **K**. Return the train's speed.

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Input

The first line of the input contains an integer **T** denoting the number of test cases. The description of **T** test cases follows. The first line of each test case contains an integer **N**, representing the number of pillars. The second line of each test case contains an integer **K**, representing the constant distance between each pillar (In metres).

For your convenience, **T** is given as 1 minute.

Output

For each test case, output a single line containing the speed of the train in float. (kilometre per hour).

Constraints

$1 \leq T \leq 100$

Example

Input:

1

51

50

Output:

150

etc.

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Tags: [vijaykumarakv \(/tags/problems/vijaykumarakv\)](/tags/problems/vijaykumarakv)

Date Added: 26-02-2018

Time Limit: 1 secs

Source Limit: 50000 Bytes

Languages: C, CPP14, JAVA, PYTH 3.5, PYPY, CS2, RUBY, PHP, GO, NODEJS, HASK, rust, SCALA, swift, D, PERL, WSPC, ADA, CAML, ICK, BF, CLPS, PRLG, ICON, SCM qobi, PIKE, ST, NICE, LUA, LISP sbcl, LISP clisp, SCM guile, ERL, TCL, kotlin, TEXT, SCM chicken

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CodeChef was created as a platform to help programmers make it big in the world of algorithms, **computer programming** and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

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