0/3/26	Sicily 1527.Tiling a Grid With Dominoes	
Sicily	Search problem id or title Search  You havn't any signat	<b>PCU</b> ure ye Logo
lome Problem	ns Contests Courses Ranklist Contest Results Submit Setting Status Discuss	<-
	1527. Tiling a Grid With Dominoes	
	Total: 672 Accepted: 498 Rating: 4.1/5.0(12 votes) 0 v	
Descripti	ion Time Limit: 1sec Memory Limit:3	2MB
	a grid 4 units high and $N$ units long with rectangles (dominoes) 2 units by one unit (in either orientation). For gure shows the five different ways that a grid 4 units high and 2 units wide may be tiled.	
Write a progran	m that takes as input the width, $W$ , of the grid and outputs the number of different ways to tile a 4-by- $W$ grid.	
Input		
The first line of	input contains a single integer $N$ , (1<= $N$ <=1000) which is the number of datasets that follow.	
Each dataset c	contains a single decimal integer, the width, $oldsymbol{W}$ , of the grid for this problem instance.	
Output		
	em instance, there is one line of output: The problem instance number as a decimal integer (start counting at and the number of tilings of a 4-by- $W$ grid. The values of $W$ will be chosen so the count will fit in a 32-bit integrated	
Sample I	input co	ру
3		
3 2 3		

## **Sample Output**

Сору

1 5 2 11

3 781

**Problem Source: Greater New York 2007** 

Status Submit Source Code

[MathJax]/extensions/MathZoom.js加载中

Copyright @ 2005 - 2018 Informatic Lab in SYSU. All rights reserved.

[MathJax]/extensions/MathZoom.js加载中