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L	TART CONTEST AND AREA TO AREA	ACYA
JAP D	Description 282 182 182 182 182 182 182 182 182 182	,
9124C1LD	Max is planning to take part in a Diwali contest at a Diwali Party that will begin at 8 PM and will run until midnight (12 AM) i.e.,	28/21
4	for 4 hours. He also needs to travel to the party venue within this time which takes him ${\bf P}$ minutes. The contest comprises of ${\bf N}$	K
29-1 221	problems that are arranged in order of difficulty, with problem 1 being the simplest and problem N being the most difficult. Max is aware that he will require 5*i minutes to solve the i th problem.	
22	Your task is help Max find and return an integer value, representing the number of problems Max can solve and reach the party venue	LACVAZO
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2812464	Note: Max will leave his home at exactly 8 PM to reach the party venue.	
2~		272
<u> </u>	input1: An integer value N, representing the total number of problems.	,
1229-1	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	12
,		512ACVAS
, AC	Example:	
22B12AC	Input:	22
	6	20,7
20,	180	
XC1429.	Output:	W. S. S.
	4	3870
28/2	Explanation:	,
V"	The amount of time left to solve the problems is 4*60-180=60 mins.	291
	1st Problem - 5 mins, Time left = 60-5=55 mins	4AB
	2nd Problem - 10 mins, Time left = 55-10=45 mins	
	3rd Problem - 15 mins, Time left = 45-15=30 mins	By W
	4th Problem - 20 mins, Time left = 30-20=10 mins	*Shr

5th Problem - 25 mins

C147892

```
Source Code:

task=int(input())
time=int(input())
work=0
rem=0
tleft=240-time
for i in range(1,task+1):
    rem += i*5
    a=tleft-rem
    if a>=0:
        work=i
    print(work)

RESULT

5/5 Test Cases Passed | 100 %
```