	₽Logo
55069 381	STUDENT REPORT
DE	Logo  Logo  STUDENT REPORT  ARABANACEDO ARABANACEDA ARABANACEDO ARABANACEDA ARABANACEDA ARABANACEDA ARABANACEDA ARABANACEDA ARABANACEDA AR
	K DROVI
5223C50	Roll Number 35 38R23CS069
FY	PERIMENT OF THE PROPERTY OF TH
	Description a 3th 13c5 of a 22c5 of
50'	for 4 hours. He also needs to travel to the party venue within this time which takes him <b>P</b> minutes. The contest comprises of <b>N</b> problems that are arranged in order of difficulty, with problem 1 being the simplest and problem N being the most difficult. Max
	within the given time frame of 4 hours.
5000 35	Note: Max will leave his home at exactly 8 PM to reach the party venue.

input1: An integer value N, representing the total number of problems.

The amount of time left to solve the problems is 4\*60-180=60 mins.

1st Problem - 5 mins, Time left = 60-5=55 mins

2nd Problem - 10 mins, Time left = 55-10=45 mins

3rd Problem - 15 mins, Time left = 45-15=30 mins

4th Problem - 20 mins, Time left = 30-20=10 mins

Example:

Input:

180

**Output:** 

**Explanation:** 

5th Problem - 25 mins

input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.

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 %