4000	STUDENT REPORT	×0°
DI	ETAILS Name SAI CHARAN	3BR230
, AC	Roll Number 30' Att 69' 36' Att	1,5
E)	XPERIMENT The DIWALLECONTEST Description Divided to the second state of the second	382230
30 3 CAO	for 4 hours. He also needs to travel to the party venue within this time which takes him P minutes. The contest comprises of N 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% minutes to solve the ith problem.	30 3HR
CP0903	Note: Max will leave his home at exactly 8 PM to reach the party venue.	
30 3BR22	input1: An integer value N. representing the total number of problems.	5BR23CP
R23CAO	Example: Input:	30
9		390 3BR
CAOSOS	Output: 4	Staff Real of the staff of the
3BR2?	Explanation: The amount of time left to solve the problems is 4*60-180=60 mins.	08º

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

5th Problem - 25 mins

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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 %

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