	Logo N°	a'V
RARIATO	STUDENT REPORT SELECTION S	381
22AAIN	A 3 BELL MAY SECULATION OF SECURATION OF SECURATION OF SECURATION OF SECURATION OF SECULATION OF SECURATION OF SEC	
,	TAILS  STUDENT REPORT  JANA STUDENT REPORT  JANA STUDENT REPORT  JANA STUDENT REPORT  JANA START START START SHEARING START SHEARING SHEAR	PINTO
\ \ D₽	TAILS  Iame  Replace of 3BR2 ARIA of 3BR2 AR	DX.
DE DE	lame Right diggs Real Section of 3 Areth 38821 Marin 195	- R21
	VINOD	30
3BRIAR	3BR24AI419T	
30		J Alan
EX	PERIMENT  e  SERVARIANO  SERVA	BRIK
Titl	e Strand of 3BR2 ARM of 3BR2 A	
	DIWALD CONTEST AND SHELL A	, o <sup>1</sup> 3 <sup>1</sup>
2	Description and 3 deriver and and a second a	Pla.
701 30 D	PERIMENT  PERIME	7
D. *	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., 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>	3BR2AR
(P)		
3BR2AA	is aware that he will require 5*i minutes to solve the i <sup>th</sup> problem.	Ó
	Your task is help Max find and return an integer value, representing the number of problems Max can solve and reach the party venue within the given time frame of 4 hours.	AAIATO
201	Note: Max will leave his home at exactly 8 PM to reach the party venue.	
AAIATOT	Input Format:	368
	input1: An integer value N, representing the total number of problems.	0
of 3BR	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	
0		BRZAA
	Example:	300
BRZAAIA	Input:	,
Br	6	*AlaToT
q	180	×
NATOT	Output:	al
' <sub>K</sub> .	4	27 ARA
221	Explanation:	3
3BR21	The amount of time left to solve the problems is 4*60-180=60 mins.	S
	1st Problem - 5 mins, Time left = 60-5=55 mins	Right
	2nd Problem - 10 mins, Time left = 55-10=45 mins	~
	3rd Problem - 15 mins, Time left = 45-15=30 mins	070
	4th Problem - 20 mins, Time left = 30-20=10 mins	1862

5th Problem - 25 mins

3RRAS

```
N=int(input())
p=int(input())
time=240-p
timeleft=time

i=1
while i <= N and 5*i <= timeleft:
    timeleft -= 5*i
    i += 1
print(i-1)

RESULT

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