,c12038	STUDENT REPORT	,20
DE	TAILS 38th 38th 38th	38223EC
	PALLAVI HATTI	JEC 20
223EC^	Roll Number (C) (APP) (A	,r 
ΕX	(PERIMENT 3 PRO 3	1203BR
		38223EC
Pl3ECT	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> 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 <sup>th</sup> problem.	, EC 120
21	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.	103BR
3	Note: Max will leave his home at exactly 8 PM to reach the party venue.	
512035	Input Format:	36,0
	input1: An integer value N, representing the total number of problems.	3R1
03BR2?	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	,£C120
(	Example:	550
223EC1	Input:	(
×.	6	203BR
ć	180	V
,0120	Output:	۷,۷
Y	4	A Roya
22	Explanation:	)
38R2	The amount of time left to solve the problems is 4*60-180=60 mins.	20
	1st Problem - 5 mins, Time left = 60-5=55 mins	of selection of the sel
	2nd Problem - 10 mins, Time left = 55-10=45 mins	~
	3rd Problem - 15 mins, Time left = 45-15=30 mins	Care
	4th Problem - 20 mins. Time left = 30-20=10 mins	290

5th Problem - 25 mins

Logo

```
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 %
```