EC 38	STUDENT REPORT	(5°
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38KJ3		
Į.	SUDHA KOTRAPPA ANGADI Roll Number St.	J.C.
3R23EC)	3BR23EC158	
	(PÉRIMENT 35 125 125 125 125 125 125 125 125 125 12	(5° 38 PEV
1,0	DIWALI CONTEST COST REPORT TO A SHELL OF THE	3BR23EC1
BRIT	Description of the second of t	
58 3 ECT	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 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*i minutes to solve the i th problem.	, & C. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
382	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.	58 3BR)
, 45° 3'	Note: Max will leave his home at exactly 8 PM to reach the party venue.	
KCV 68°3	Input Format:	23KC^
o	input1: An integer value N, representing the total number of problems.	3/2
38RV.	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	C.\290
	Example:	5ECN'S
23KC)	Input:	2
3,	6	58 3BRI
Š	180	
5KC \ 58''	Output:	Le C
5	4	3 Bay
BRIT	Explanation:)
3~		7500
	1st Problem - 5 mins, Time left = 60-5=55 mins	ASE.
	2nd Problem - 10 mins, Time left = 55-10=45 mins	_
	3rd Problem - 15 mins, Time left = 45-15=30 mins	a gage
	4th Problem - 20 mins, Time left = 30-20=10 mins	(2) S

5th Problem - 25 mins

Logo

S. B. P. J. S. C.

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Source Code:

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 %
```