	<b>□Logo</b>	~ ~
CASS SP	TAILS  Name  Company of the control	(4)
. ( )	STODENT REFORM	^
ζ <sup>-</sup>	TAILS ARABECTS ARABEC	2823E
DE		5
38KJ3	TAILS Name CO. 1523 APROAGE AND ARROAD AND ARROAD AND ARROAD AND ARROAD	_
	SHRAVANI V D	J&C^\S
ري دري اد	Roll Number 36C) 36C) 36C) 36C) 36C) 36C) 36C)	ν ¬
5R13EC12	3BR23EC153	J BRI
EX	SPERIMENT  Le  DIWALL CONTEST	, 45 <sup>3</sup>
, s <sup>3</sup> Titl		
, C `	DIWALISEONTEST NOTES AND ASSET	2350
~	ELIPS ESTRECT STATE ESTRECT ST	3BP
2	Sescription of the secription of the secreption of the secription of the secreption	c
3	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.,	, EC \ 63°
<	for 4 hours. He also needs to travel to the party venue within this time which takes him $\mathbf{P}$ minutes. The contest comprises of $\mathbf{N}$ problems that are arranged in order of difficulty, with problem 1 being the simplest and problem $\mathbf{N}$ being the most difficult. Max	,~
5R23EC1	is aware that he will require 5*i minutes to solve the i <sup>th</sup> problem.	2)
5	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.	533BR
્રું	Note: Max will leave his home at exactly 8 PM to reach the party venue.	
£C7633	Input Format:	4,00
,	input1: An integer value N, representing the total number of problems.	3823
3BR2?	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	
3 3		763°
4	Example:	EC.
3EC)	Input:	
321	6	53 3BR
oʻ,	180	5
, C^53	Output:	. C.
×	4	38825
~Q.	Explanation:	)
3BR2	The amount of time left to solve the problems is 4*60-180=60 mins.	6
	1st Problem - 5 mins, Time left = 60-5=55 mins	State State
	2nd Problem - 10 mins, Time left = 55-10=45 mins	, V
	3rd Problem - 15 mins, Time left = 45-15=30 mins	S. C.

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

5th Problem - 25 mins

S. B. R. A. S. C.

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 %

JARY MASE LASE LASE LASE LASE