	₽ Logo	
COTA 3B	ETAILS Name Logo Logo Logo Logo Logo STUDENT REPORT RE	014.3
CO1A'S	38ECO 3EECO	
	AN 3ER COTA SERVICE AN 3ER COTA	27360
DE	TAILS ARP3ECO TASHER SECOTAS SECOTAS SECOTAS SECOTAS SECOTAS SECOTAS SECOTAS	3 ⁶
3BR) N	TAILS Name CO1A ABRA3ECO1A ABRA3ECON ABRA3	3
	KRUTHI Y	KCO,
, co2	Roll Number 3600 ARD 1 AD	ν
2238	3BR23EC074	
EX Titl	PERIMENT 34PL3ECOLA 34	,01236
, D	ABR23EC074 PERIMENT SUMALLICONTEST COLUMN SERVICE STATE	3BR23EC0
3BRIL	Association is the second of t	n.
273ECO	is aware that he will require 5*i minutes to solve the i th problem. 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.	5EC07A 2
COTAS	Note: Max will leave his home at exactly 8 PM to reach the party venue.	
co,	Input Format:	3R73EC
	input1: An integer value N, representing the total number of problems.	BRIL
A 3BR2	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	co ¹ A
	Example:	54
3ECC	Input:	
R1	6	1A3BR2
•	180	,714
Eco14,3	Output:	-5
	4	8 8 8 9 8 9 S
~ (Explanation:	100
3BR2	The amount of time left to solve the problems is 4*60-180=60 mins.	0
	1st Problem - 5 mins, Time left = 60-5=55 mins	15326
	2nd Problem - 10 mins. Time left = 55-10=45 mins	3

3rd Problem - 15 mins, Time left = 45-15=30 mins

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

5th Problem - 25 mins

B. B. A. S. S.

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 %