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(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.	223ME0	
BR23ME	is aware that he will require 3 thinlutes to solve the topioniem.	535	
	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.	,E005 35	
5	Note: Max will leave his home at exactly 8 PM to reach the party venue.		
MEDOS	Input Format:	23	
	input1: An integer value N, representing the total number of problems.	38	
53BR2	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.		
25.35		"FOC	
	Example:	23MEOC	
BR23MES			
223°	Input:	500	
	6	1003	
(5) m	180		
NEOO5'S	Output:	23	
	4	,385	
2823	Explanation:		
30	The amount of time left to solve the problems is 4*60-180=60 mins.	1599	
	1st Problem - 5 mins, Time left = 60-5=55 mins	334	
	2nd Problem - 10 mins, Time left = 55-10=45 mins		
	3rd Problem - 15 mins, Time left = 45-15=30 mins	28	
	4th Problem - 20 mins, Time left = 30-20=10 mins	:39k	

5th Problem - 25 mins

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Source Code:

task=int(input())
time=int(input())
work=0
rem=0
tleft=240-time
for i in range(1,task+1):
rem+=i*5
a=tleft-rem
if a>=0:
work=i
print(work)

RESULT

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