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, D	PERIMENT A BRADE OF A	38236
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38R) 3E	3BR23EC054 PERIMENT PERI	,c05h36
	Max is planning to take part in a biwait contest at a biwait rary that will begin at 6 Pivi and will full thitling it (12 Aiv) i.e.,	COS
223EC05	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 N being the most difficult. Max	6
5 _{1,2}	is aware that he will require 5*i minutes to solve the i th problem.	BRIST
. ♦	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.	A
CO5A38	Note: Max will leave his home at exactly 8 PM to reach the party venue.	605
<i>;</i> ~	Input Format:	223EC
,3 ⁴	input1: An integer value N, representing the total number of problems.	, "
A3BR235	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	36
		COSA
, co ⁶	Example:	
2236	Input:	ARI38
	6	\rangle 3.
COSABE	180	(4
COS	Output:	Sept. Sept.
<	4	80
3BR235	Explanation:	, S
2	The amount of time left to solve the problems is 4*60-180=60 mins.	C8840.3
	1st Problem - 5 mins, Time left = 60-5=55 mins	A.
	2nd Problem - 10 mins, Time left = 55-10=45 mins	
	3rd Problem - 15 mins, Time left = 45-15=30 mins	AN THE
	4th Problem - 20 mins, Time left = 30-20=10 mins	35
	5th Problem - 25 mins	É

Source Code: def max_problems_solved(N,P): remaining_time=240-P time_spent=0 count=0 for i in range(1,N+1): time_to_solve=5*i if time_spent + time_to_solve>remaining_time: time_spent+=time_to_solve count+=1 return count N=int(input()) P=int(input()) result=max_problems_solved(N,P) print(result) RESULT 5 / 5 Test Cases Passed | 100 %