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Br.	Description School State	CDOAO 3BE
3CD0A0	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 award that he will require 5th minutes to calve the sith problem.	38R13C
JAO 3BR1	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.	,23CD0A5
,	Note: Max will leave his home at exactly 8 PM to reach the party venue.	130
BR13CD	Input Format:	
Br	input1: An integer value N, representing the total number of problems.	,040 3B
30000) ^N
3	Example:	3BR13C
2	Input:	3
JAO BRI	6	Q.A.C
)	180	DBOOL
300	Output:	
BR13CD		TE 3 BE
	Explanation:	Blets
q	The amount of time left to solve the problems is 4*60-180=60 mins.	.4
	1st Problem - 5 mins, Time left = 60-5=55 mins	38D30
	2nd Problem - 10 mins, Time left = 55-10=45 mins	2
	3rd Problem - 15 mins, Time left = 45-15=30 mins 4th Problem - 20 mins. Time left = 30-20=10 mins.	- NE
	4th Problem - 20 mins, Time left = 30-20=10 mins	00

5th Problem - 25 mins

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time_to_solve = 5 * i # Check if there's enough time left to solve this problem if time_spent + time_to_solve > remaining_time: break # Max can't solve more problems # Update the time spent and count of problems solved time_spent += time_to_solve count += 1 return count N=int(input()) P=int(input()) result=max_problems_solved(N,P) print(result)

 $\mbox{\#}$ Iterate over problems from 1 to N

Time to solve the ith problem

for i in range(1, N + 1):

RESULT

5 / 5 Test Cases Passed | 100 %