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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	A
OA. 727	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.	.0
,	Your task is help Max find and return an integer value, representing the number of problems Max can solve and reach the party venue	,12AMEAO
	within the given time frame of 4 hours.	, ,
BIZAME	Note: Max will leave his home at exactly 8 PM to reach the party venue.	28
v		OAX
1	input1: An integer value N, representing the total number of problems.	
E AOA	input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.	BIZANEA
		BIZ
BIZAR	Example:	o.
22	Input: 6	OA. Z
4	180	· A
AFAOA.T	Output:	M.
7.	4	Skokin
20	Explanation:	K ~
228.	The amount of time left to solve the problems is 4*60-180=60 mins.	A. A. A.
	1st Problem - 5 mins, Time left = 60-5=55 mins	145481
	2nd Problem - 10 mins, Time left = 55-10=45 mins	
	3rd Problem - 15 mins, Time left = 45-15=30 mins	ROZA
	4th Problem - 20 mins, Time left = 30-20=10 mins	RELA

5th Problem - 25 mins

MERRAD

So he can solve only 4 problems as he is not left with 25 mins to complete 5th problem.

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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
 0 / 5 Test Cases Passed | 0 %
               2812K
 E AOA
```