## **Input Format:**

input1: An integer value N, representing the total number of problems.

input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.

## **Example:**

Input:

6

180

## **Output:**

## **Explanation:**

The amount of time left to solve the problems is 4\*60-180=60 mins.

1st Problem - 5 mins, Time left = 60-5=55 mins

2nd Problem - 10 mins, Time left = 55-10=45 mins

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

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

5th Problem - 25 mins

Source Code:

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 %