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

HALBER?

Source Code:

n=int(input())
p=int(input())
rem=4*60-p
count=0
i=1
while rem >= 5*i:
 rem=rem-5*i
 count+=1
 i+=1
print(min(n,count))

RESULT

5 / 5 Test Cases Passed | 100 %