3rd Problem - 15 mins, Time left = 45-15=30 mins
4th Problem - 20 mins, Time left = 30-20=10 mins

5th Problem - 25 mins

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 %