5th Problem - 25 mins

**Source Code:** 

def maximum\_solved(N, P):
 time = 240 - P
 time\_spent = 0
 problems\_solved = 0
 for i in range (1, N+1):
 problem\_time = 5 \* i
 if time\_spent + problem\_time <= time:
 time\_spent += problem\_time
 problems\_solved += 1
 else:
 break
 return problems\_solved

N = int(input())
P = int(input())
print( maximum\_solved(N, P))</pre>

RESULT

5 / 5 Test Cases Passed | 100 %

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