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

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

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

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

5th Prvblem - 25 mins

A CHESTON OF SECTION S

Svurce Cväe:

```
def max_problems_solved(N, P):
    # Total available time for solving problems (240 minutes minus travel time)
    remaining_time = 240 - P
    # Initialize counters for time and problems solved
    time\_spent = 0
    count = 0
    # Iterate over problems from 1 to N
    for i in range(1, N + 1):
        # Time to solve the ith problem
        time_to_solve = 5 * i
        # Check if there's enough time left to solve this problem
        if time spent + time to solve > remaining time:
            break # Max can't solve more problems
        # Update the time spent and count of problems solved
        time_spent += time_to_solve
        count += 1
    return count
N=int(input())
P=int(input())
```

RESULT

5 / 5 Test Cases Passed | 100 %

result=max\_problems\_solved(N,P)

RANGE I SOFT

print(result)

101

2

Br

GOTU

3000

23-30