```python
T = int(input())

for _ in range(T):
    N, K, C = map(int, input().split())
    numbers = list(map(int, input().split()))

    numbers.sort()
    steps = 0

    for i in range(N):
        if i < K - 1:
            continue

        if numbers[i] < numbers[i - K + 1] * C:
            break

        steps += 1

    print(steps)
```