*solution--
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tests = int(input())
for _ in range(tests):
    N = int(input())
    l = [int(x) for x in input().split()]
    l.sort()
    min_g = l[-1] - l[0]
    for i in range(len(l)-1):
        min_l = l[i+1] - l[i]
        min_g = min(min_g, min_l)
    print(min_g)

Sample Input
1
5
4 9 1 32 13

Sample Output--3

Explanation--The minimum difference can be achieved if we pick horses with skills 1
and 4 for the race.