## Problem



## Josh solution

n, m = input().split()

sc\_ar = input().split()

A = set(input().split())

B = set(input().split())

A\_total = 0

B\_total = 0

final = 0

for i in A:

    if i in sc\_ar:

        A\_total += 1

for x in B:

    if x in sc\_ar:

        B\_total += 1

final = A\_total - B\_total

print(final)

## Other solution

n, m = input().split()

sc\_ar = input().split()

A = set(input().split())

B = set(input().split())

print(sum([(i in A) - (i in B) for i in sc\_ar]))