Linear Search: no need to sort data, Very slow

Binary Search: Sorted data, very fast

Put FALSE in VLOOKUP and 0 in MATCH for Linear Search  (Exact match)
If you want to do:

Greater-Sorted Descending Order

Less – Sorted Ascending Order

Spread Sheet #1

Using VLOOKUP
Same question using INDEX/MATCH (You can always use INDEX/MATCH for any VLOOKUP)

![Gradebook Table]

Spread Sheet #2

Q3: What region is Country #1 in?  
Answer: Africa  
Row Number  
4 =MATCH(Overview!C6;'Regions and subregions'!C:C;1)  
=INDEX('Regions and subregions'!A:A;Overview!D17;1)

Q5: Is Country #1 and Country #2 in the same region? (Yes/No)  
Answer: Yes  
=IF(C17=E6,"Yes","No")

```c
if (C17==E6) {
    return "Yes";
} else {  
    return "No";
}
```
Q6: Is Country #1 and/or Country #2 in the Region specified?

Answer: No

=IF(C17=E6,"Yes",IF(C20=E6,"Yes","No"))

```java
if (C17==E6) {
    return "Yes";
} else {
    if(C20==E6) {
        return "Yes";
    } else {
        return "No";
    }
}
```