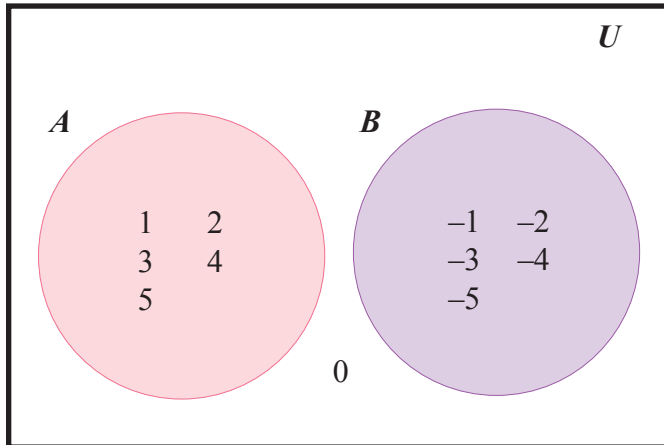**What's the Score?**

- If you have any difficulty with these solutions, please contact your teacher before continuing.

1. a.

b. The set of integers from –20 to –15 is { } is true because no integers from –20 to –15 fit into the universal set for this question, which is U = {integers from –5 to 5}.

c. Sets A and B are disjoint because they have no elements in common.

d. Sets A and B are equivalent because they have the same number of elements. They are not equal because equal sets must have the same elements.

e. No. $A' \neq B$ because A' is all the elements that are not in A, which would include all the elements in B plus the element 0.