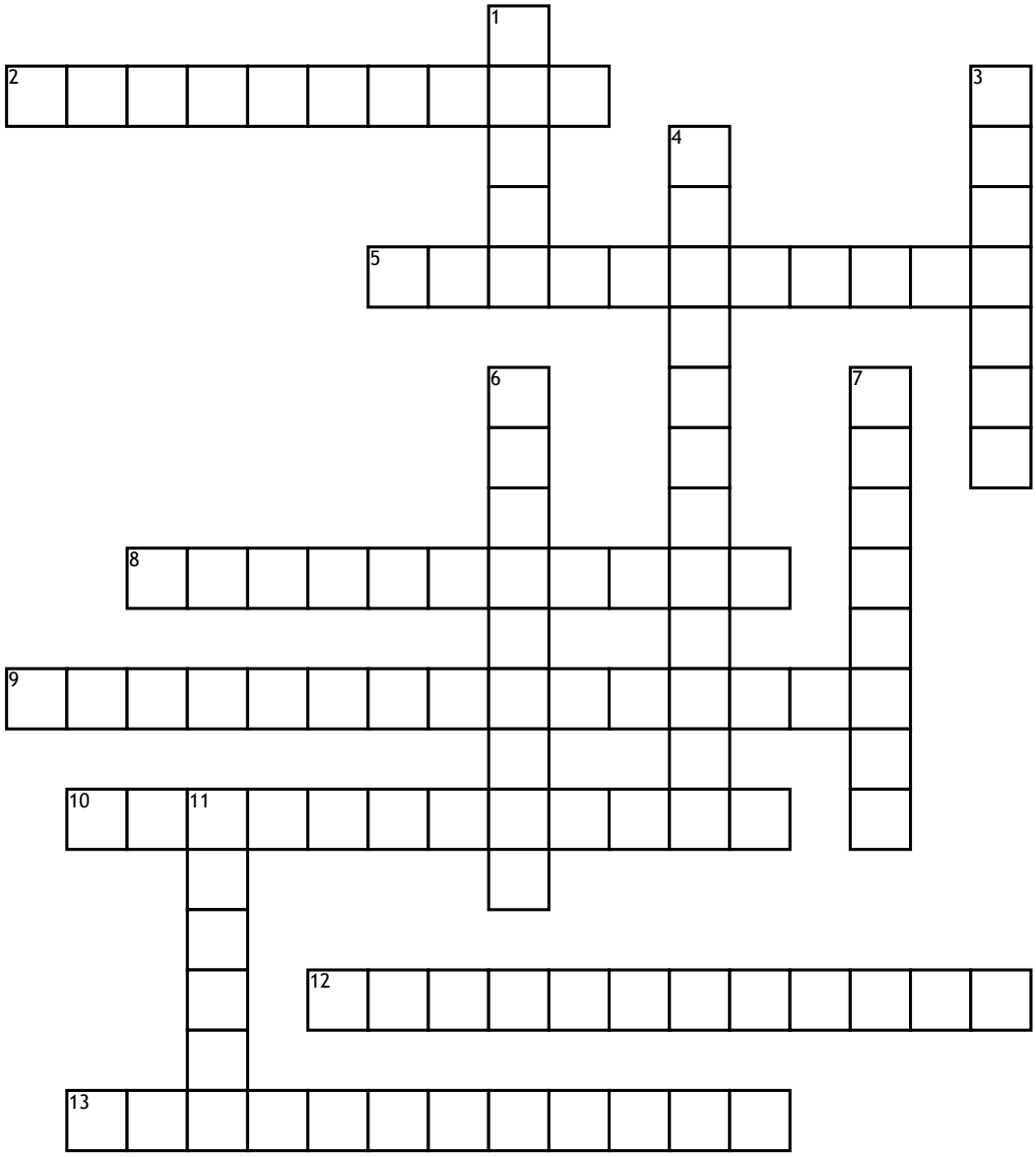
Name: _____ Date: _____

Sets and Set Notation



Across

2. Given a set A and a universal set U, the set of all elements of set U that do not belong to set A

5. Illustration often used to model relationships among sets

8. A systematic way of listing all subsets of a set

9. A set of "n" distinct elements makes for 2^n subets

10. Two sets that have no elements in common

12. Every element of a set is an element of another set, but that other set has at least one different element (that is not an element of the first set)

13. Given two sets A and B, the set of all elements that belongs to both sets

Down

1. The set of all elements belonging to set A, or set B, or both sets

3. All members of a set, such as numbers, people, objects, etc.

4. A set that contains all the elements being discussed

6. Sets containing the exact same elements.

7. A set with no elements

11. A set for which every element is also an element of another set