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| A  B | A  B |  |
| A  B |  |  |
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|  |  |  |
| A or B | A or the complement of B | A and the complement of A |
| A and B are disjoint sets | Not A and  not B | A is the  subset of B |
| A and B | A or the complement of A | Not A |
| A and the complement of B | B is the  subset of A | Not A or  not B |
| Not B |  |  |

**Recommendations for Making Matching Cards**

Do the following before laminating:

* Label the bottom right corner of all of the cards as described below in order to help provide an answer key.
  + Label all of the set notation cards with numbers.
  + Label all of the Venn diagrams with lowercase letters.
  + Label all of the word descriptions with uppercase letters.
* Photocopy each type (set notation, Venn, words) on a different colour.
* Label the back of every card in each complete set with the same number. This makes clean up much easier if sets get mixed up.