

VENN DIAGRAMS

In the last section we represented sets using set notation, listing the elements in brackets. With Venn Diagrams, we define everything exactly the same way, but the definitions are in the form of pictures.

For instance, the set union of A and B, written $A \cup B$ was defined as:

$$A \cup B = \{x / x \in A \text{ or } x \in B\}$$

With Venn Diagrams, the definition again is all the members that belong to A or B, but we show that by shading in the circles A and B.

A U B

