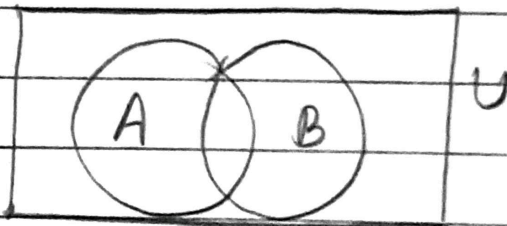


Venn Diagrams (L-5)

Venn Diagram is an illustration that uses circles to show the relationships among things or finite groups of things.

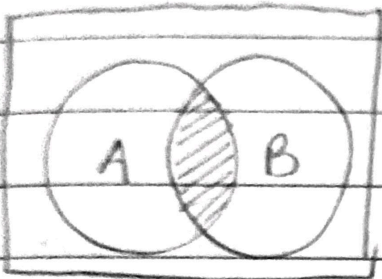
Circles that overlap have a commonality while circles that do not overlap do not share those traits.



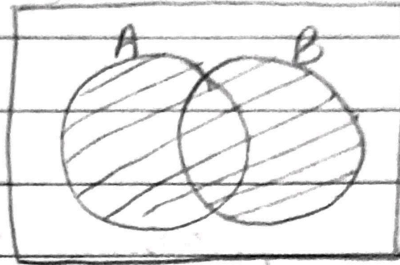
The circles that do not overlap do not share those traits.

• Set operations and their venn diagrams:

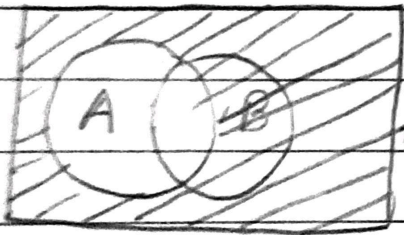
① $A \cap B$



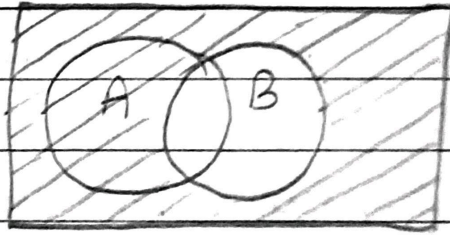
② $A \cup B$



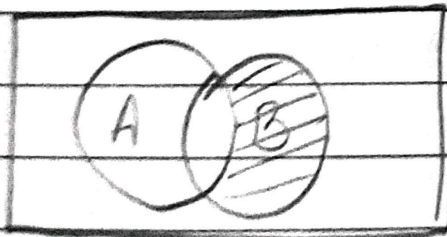
③ A'



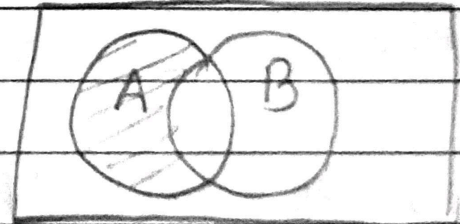
④ B'



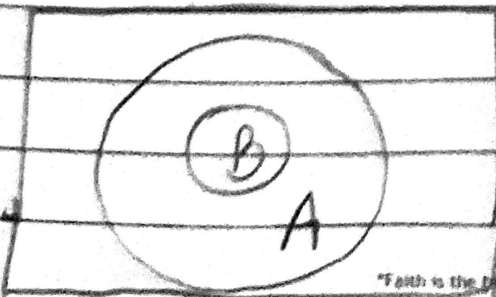
⑤ $B - A$



⑥ $A - B$



⑦ $B \subseteq A$



oo
✓