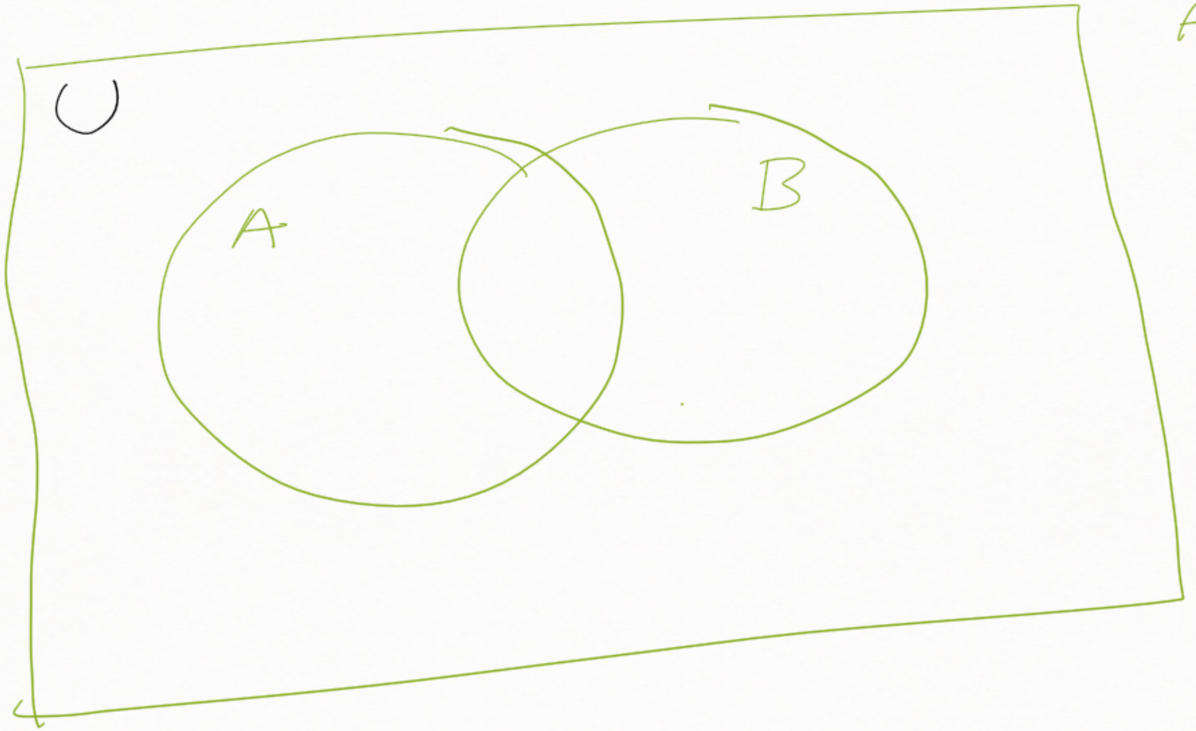
Set Union



Shift + \ = |

↑

Enter

$A = \{1, 2, 3, 4\}$

$B = \{3, 4, 5, 6\}$

$A \cup B$

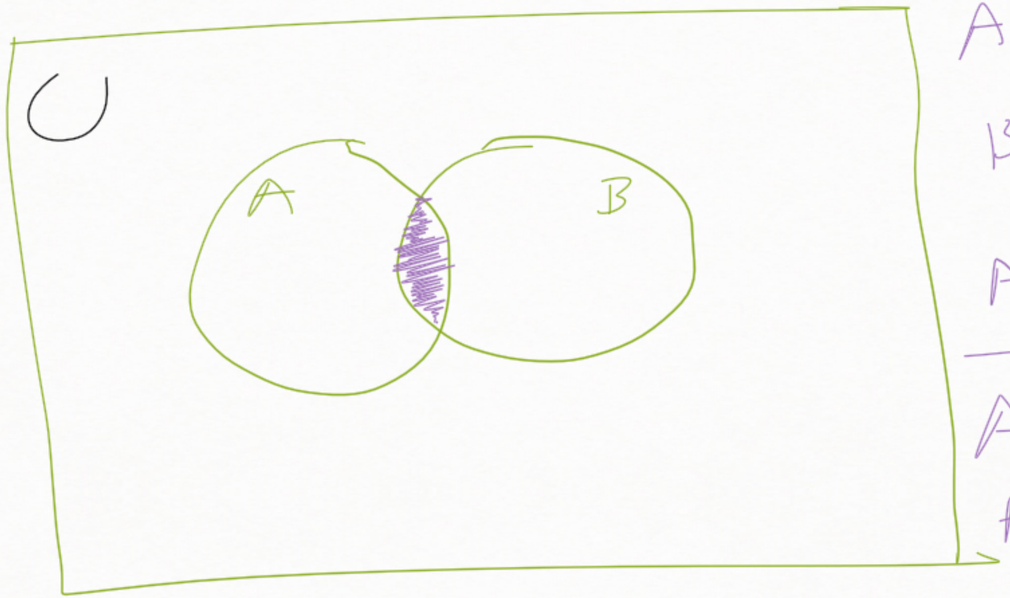
$= \{1, 2, 3, 4, 5, 6\}$

pipe

$A \mid B$

A.union(B)

Set Intersection



$A = \{1, 2, 3\}$

$B = \{3, 4, 5\}$

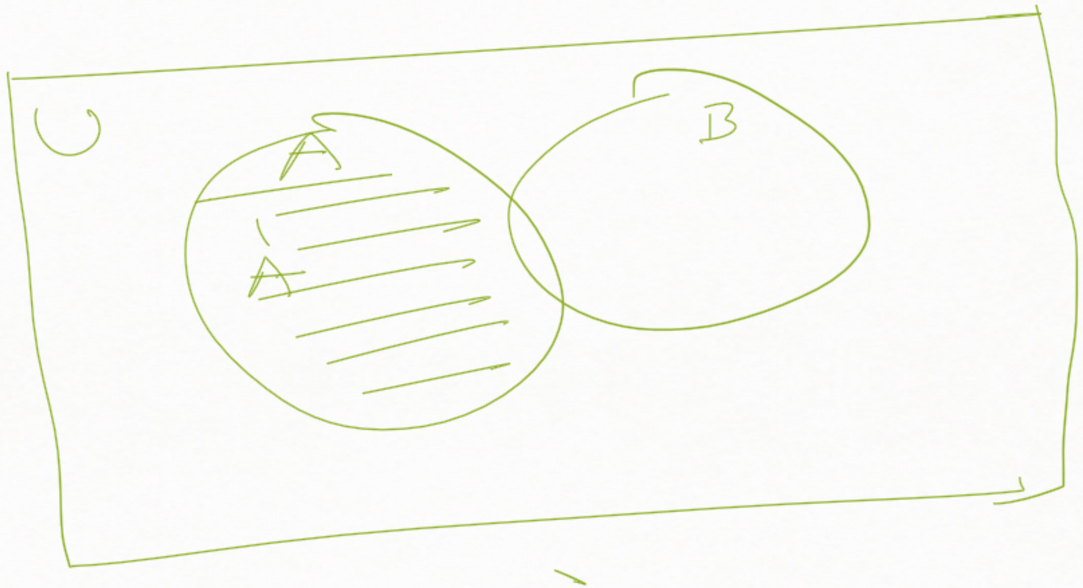
$A \cap B = \{3\}$

A & B = {3}

A.intersection(B) = {3}

#mychoice

Set Difference

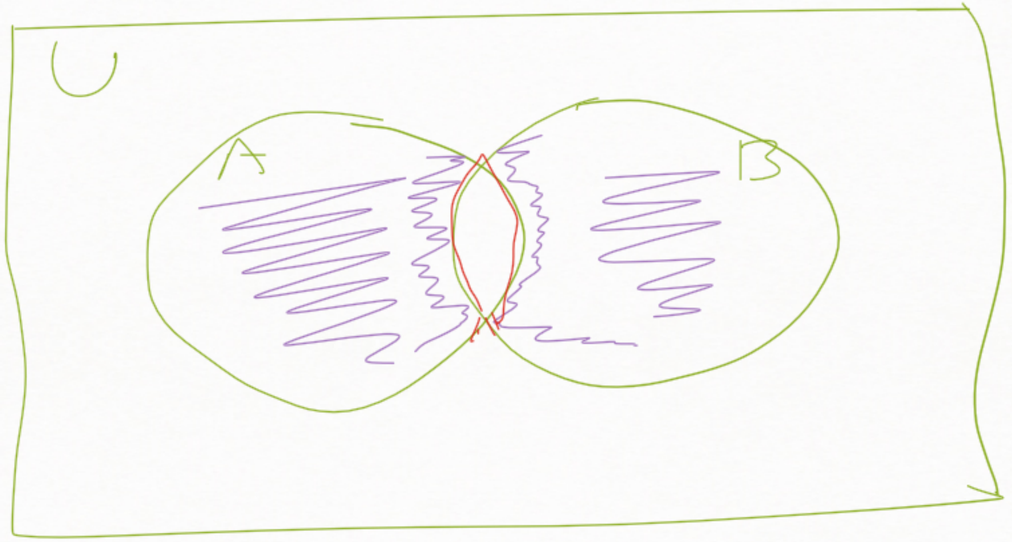


$A - B = A'$

A. difference (B) = A'

Set Symmetric Difference

$A \triangle B$



$A = \{1, 2, 5\}$

$B = \{3, 4, 5\}$

$A \triangle B = \{1, 2, 4, 5\}$