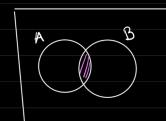
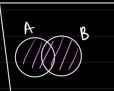
$$A = \{1, 2, 4, 5, 7\}$$
 $B = \{2, 4, 5\}$



2) Union (aldistruct elements from both the sample)

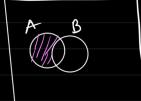
AUB = {1,2,4,5,7}



(jerns which are present only it first set)

A-B= {1,7}

A-B

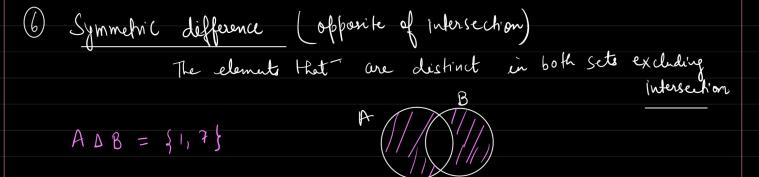


G Subset (all the element of B is present in A, then we say B is subset of A)

 $B \rightarrow A$ — True (B is subset of A) XA - B — False

Superet (A is containing all clonents of B, A is superest of B)

 $A \rightarrow B \Rightarrow True$ $B \leftrightarrow A, \Rightarrow false$



$$A = \{4, 5, 2, 8\} \qquad \begin{cases} 4 & 2 & 6 \\ 5 & 8 & 7 \end{cases}$$

$$B = \{2, 8, 6, 7\} \qquad \begin{cases} 2 & 6 \\ 5 & 8 & 7 \end{cases}$$