

CMPE 16 Lecture 3

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- For sets A and B , the \cup of A and $B = \{x : x \in A \text{ or } x \in B\}$
- The intersection of A and $B = \{x : x \in A \text{ and } x \in B\}$
- The difference of A and B , $A - B = \{x : x \in A \text{ and } x \notin B\}$
- $\mathbb{Z} - \mathbb{N} = \{x : x \in \mathbb{Z} \text{ and } x \leq 0\}$