



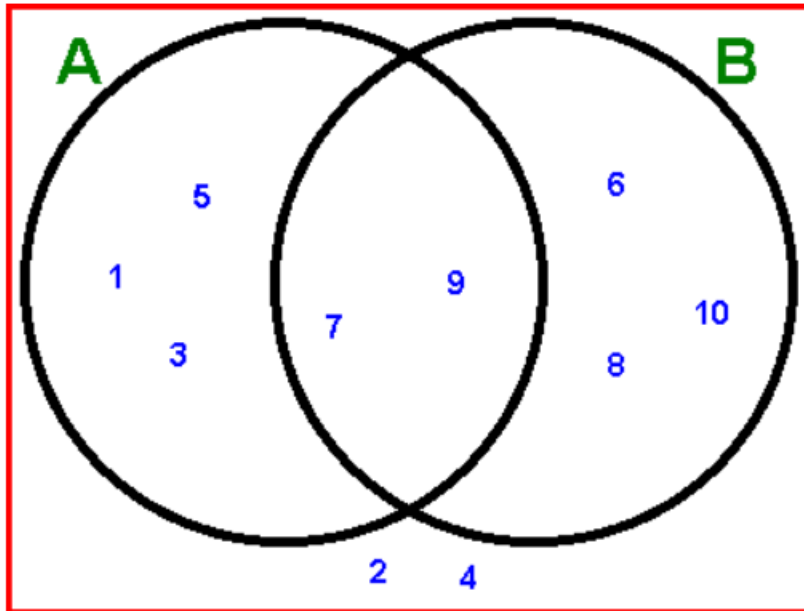
A

Name : _____

Grade 7

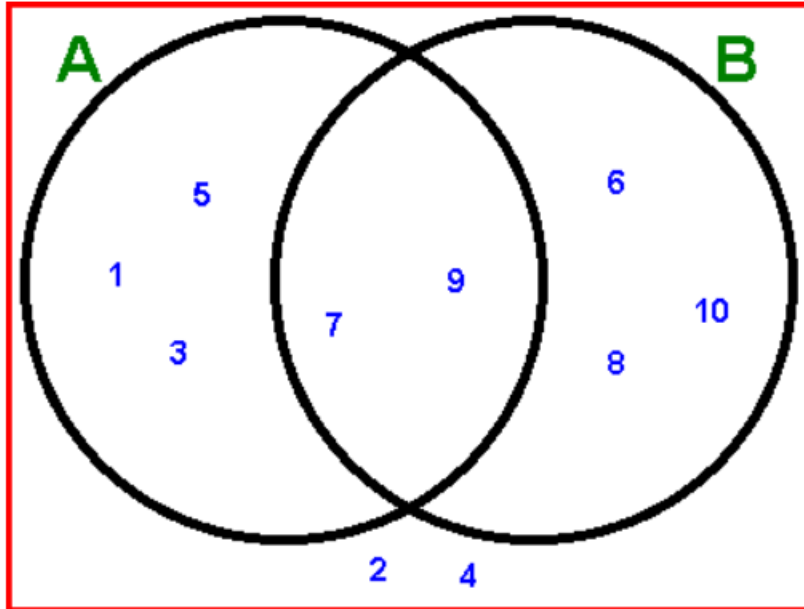
(30 MARK)

Q1:- From the following Venn diagrams answer the problems below .



- 1- $A \cap B =$
- 2- $A \cup B =$
- 3- $T \cup B =$
- 4- $T \cap B =$
- 5- $T \cap (A \cup B) =$
- 6- $T \cup (A \cap B) =$
- 7- $T \cap A \cap B =$
- 8- $T \cup A \cup B =$
- 9- $A^c =$
- 10- $B^c =$
- 11- $(A \cap B)^c =$
- 12- $A - B =$
- 13- $T - A =$
- 14- $T - (A \cup B) =$
- 15- $A - (A \cap B) =$
- 16- $T - T =$
- 17- $\emptyset \cap A =$
- 18- $(\emptyset)^c =$
- 19- $\emptyset \cup T =$
- 20- $(T \cap A) - (T \cup B) =$

Q2:- TRUE OR FALSE



- 1- $1 \in A$ _____
- 2- $\{1\} \in A$ _____
- 3- $1 \subseteq A$ _____
- 4- $\{1\} \subseteq A$ _____
- 5- $7, 8 \in (A \cap B)$ _____
- 6- $A = \{1, 5, 3, 7, 9\}$ _____
- 7- $B = \{7, 9, 6, 8, 10, 2\}$ _____
- 8- $T = \{1, 3, 5, 7, 9, 6, 8, 10\}$ _____
- 9- $T - (A \cup B) = \{2, 4\}$ _____
- 10- $T - T = \emptyset$ _____

GOOD LUCK !