MATHS

BOOKS - JEE MAINS PREVIOUS YEAR

SETS

All Questions

1. If A, B and C are three sets such that $A \cap B = A \cap C$ and $A \cup B = A \cup C$, then (1) $A = B$ (2) $A = C$ (3) $B = C$ (4) $A \cap B = \varphi$

▶ **Watch Video Solution**

2. If

$$X = \{4^n - 3n - 1 : n \in N\} \, and \, Y = \{9(n-1) : n \in N\}$$

, where N is the set of natural numbers, then $X \cup Y$

is equal to $(1) N \, (2) Y - X \, (3) X \, (4) Y$