

Class 7th

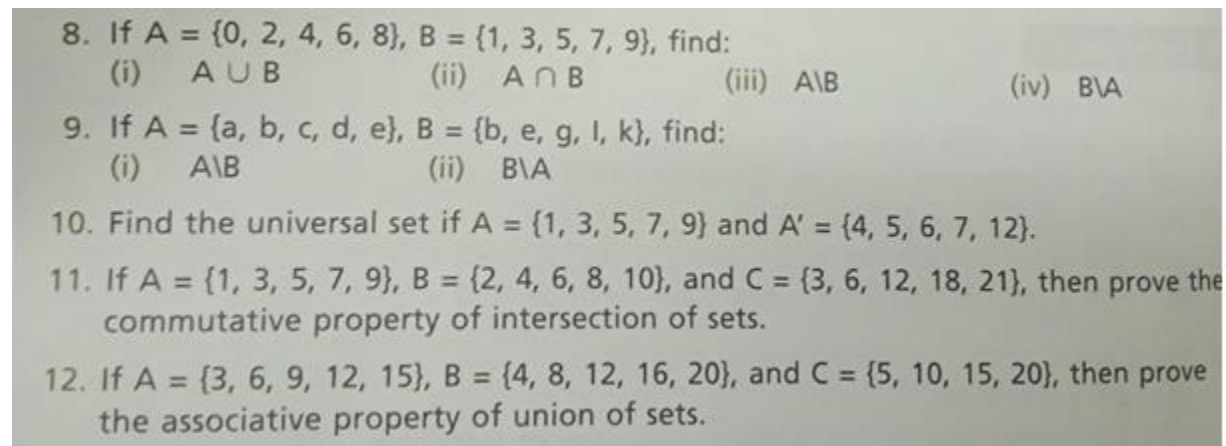
Date: 12th April 2021

Day: Monday

Mathematics

Ms. Shehla Bano

Ex#1b



Q#8

If $A = \{0, 2, 4, 6, 8\}$ $B = \{1, 3, 5, 7, 9\}$

$A \setminus B = \{0, 2, 4, 6, 8\} - \{1, 3, 5, 7, 9\}$

$A \setminus B = \{0, 2, 4, 6, 8\}$ Ans

Q#11

Commutative Property of Intersection

i) $A \cap B = B \cap A$

ii) $A \cap C = C \cap A$

iii) $B \cap C = C \cap B$

$A = \{1, 3, 5, 7, 9\}$

$B = \{2, 4, 6, 8, 10\}$

$$C = \{3, 6, 12, 18, 21\}$$

Solution:

$$i) A \cap B = B \cap A$$

L.H.S (Left Hand Side)

$$A \cap B$$

$$A \cap B = \{1, 3, 5, 7, 9\} \cap \{2, 4, 6, 8, 10\}$$

$$A \cap B = \{ \} \text{-----(i)}$$

R.H.S (Right Hand Side)

$$B \cap A$$

$$B \cap A = \{2, 4, 6, 8, 10\} \cap \{1, 3, 5, 7, 9\}$$

$$B \cap A = \{ \} \text{-----(ii)}$$

From (i) and (ii) we proved that LHS=RHS

Ex#1b

Q#8 complete

Q#9 Complete

Q#11(ii,iii)

