

Exercise - 10 (B)

Saathi

Date / /

1: i) $2 \in A = \text{True}$

ii) True

iii) False

iv) False

2: i) Wrong; $5 \notin B$

ii) Correct

iii) Correct

iv) Wrong; $9 \notin B$

v) Correct

vi) Correct

3: i) False

ii) True

iii) False

iv) True

v) True

vi) True

vii) True

4: i) $\{1, 2, 3, 4, 5\}$

ii) The three types of angles = {acute-angle, right angle, obtuse angle}

iii) The three types of triangles = {Scalene-triangle, isosceles-triangle, equilateral-triangle}

iv) the members of your family {

v) The first six consonants of the english alphabet {b, c, d, f, g, h}

vi) The first four vowels of the English alphabet. {a, e, i, o}

vii) the names of any three Prime Minister of India {Indira Gandhi, Atal Bihari Vajpayee, Dr. Manmohan S

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5. a) i) The members of are 3, 8, 5, 15, 12 and 7

ii) The members are c, m, n, o and s

b) i) Required set = {2, 4, 8, 16, 64, 128}

ii) Required set = {3, 5, 15, 45, 75, 90}

6. i) Required set = {b, h, o, p, a, l}

ii) Required set = {e, a}

iii) Required set = {h, o, g}