

11.4.21  
22.4.21

# Homework

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Exercise 10 - D Question Number 1, 2, 3, 4  
Exercise 10 - E Question Number 1, 2, 3

## Ch-Sets

### Exercise 10 - D

1. (i) infinite

(ii) finite

(iii) Infinite

(iv) Infinite

2. (i) empty

(ii) Not empty

(iii) empty

(iv) empty

(v) empty

3. (i) equal

(ii) equivalent

(iii) equal

(iv) equivalent

4. (i) Infinite

(ii) Infinite

(iii) ~~Infinite~~

(iv) Finite

(v) Infinite

(vi) Infinite

(vii) Infinite

(viii) Infinite

~~(ix) Infinite~~

(x) Finite

Exercise - 10(E)

3. (i)  $n(A) = 9$

(ii)  $n(B) = 4$

(iii)  $n(E) = 4$

$$(iv) \textcircled{\emptyset} n(D) = 0$$

3 (i) False

(ii) ~~True~~ False

(iii) True

(iv) False

Corrects

$$\textcircled{(i)} \textcircled{(i)} n(A) = 7$$

$$(ii) n(\emptyset) = 0$$

$$(iv) n(B) = 4$$

————— X —————