

CS
7/10/21

Ch-10 - Sets

Sets

- Collection of books
- Collection of vegetables
- Collection of pens

A group of boys playing cricket → well defined

favourite players of Indian cricket team

A

not well defined.

A set is a collection of well defined objects.

Ex

Exercise 10(A)

i) State whether or not the following elements form a set; if not, give reason:

i) All the easy problems in your text book.

Not a set, because it might be hard for some else.

ii) All the three sided figures.

Set.

iii) The first five counting numbers.

Set.

iv) All the tall boys of your class.

~~is~~ Not a ~~is~~ set, because some boys can be shorter than us or taller than us.

v) The last three days of a week.

Set.

vi) All ~~is~~ triangles that are difficult to draw.

Not a set, because it might be easy for someone else.

vii) The first three letters of English alphabet.

Set.

viii) All tasty Fruits.

Not a set, some people might not like it.

ix) All the cleverer boys of class B.

Not a set, because not all boys are cleverer schools

x) All the good ~~schools~~ in Delhi.

Not a set, because it might be hard for others or someone might not like it.

xi) All the boys in your class whose heights are more than your height.

~~Not a~~ Set.

xii) All the ~~boys~~^{girls} in your class whose ~~height~~
height are less than your height.

Set.

xiii) All the problems in your Mathematics book
that are difficult for Amit.

Set.