

cw  
5/7/21

### Ch-10 Sets

A set is a collection of well defined objects.

Ex - Collection of books

Collection of vegetables

Collection of pens

A group of boys playing cricket → well defined

A Favourite Player of India's Cricket team

→ not well defined

Ex - 10 'A'

i) All the easy problems in your text book.

ans) No, because the problems that may be easy for someone may be difficult for someone. It is not well-defined.

ii) All the three-sided figures.

ans) Yes

iii) The first five counting numbers.

ans) Yes

iv) All the tall boys of our class.

ans) No, it is not mentioned that the boys must be taller than which boy.

v) The last three days of a week.

ans) Yes

vi) All triangles that are difficult to draw.

ans) No, because it may be easy for someone may be difficult for someone.

vii) The first three letters of English Alphabet.

ans) Yes

viii) All tasty fruits.

ans) No, A fruit may be tasty for someone and may not be tasty for someone.

ix) All the clever boys of class 6.

ans) No, The boy may be clever for someone, may not be clever for someone.

x) All the good schools in Delhi.

ans) No, All the people cannot find the same school as good.

xi) All the girls in your class whose heights are less than your height.

ans) Yes

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

ans) Yes

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

ans) Yes