

4) i) set of integers \rightarrow Infinite

ii) multiple of 5 \rightarrow Infinite

iii) Fraction between 1 and 2 \rightarrow infinite

iv) Number of people in India \rightarrow finite

v) Set of trees in the world \rightarrow infinite

5) i) {Prime numbers divisible by 2} - not

ii) {Negative natural numbers} - empty

iii) {Women with height 5 metres} - empty

iv) {Integers less than 5} - not

v) {Prime numbers between 11 and 23} - not