09 October 2019 11:45 Another word for a collection is a set. The objects in a set are called elements Symbol for element E Listing elements in a set We list the elements in chain brachets & } and seperate each element with a comma. We use a Capital Letter to name the set. Eg 1) If A is the set of natural numbers IN greater than 4 and less than 10. List all the elements in set A. A = { 5, 6, 7, 8, 9} Han many elements Set 5 e lements Chain Name bracheb #5 cardinal number. Note: In any set the element is listed ONLY ONCE. Eq2) The set B is the vowels in the English language write down the list of elements in set B. B= { a, e, i, o. u } #B=5.Eq3) Set C is the letters in the word SCIENCE Write not the lat of elements in set (

cys/ se Ierra. ICIVUE D Write out the list of elements in set (  $C = \{ S, C, I, E, N \}$ # (= 5 HIW Pg 33 QI Exercise 3.1 1. From the given Venn diagram, list the elements of each  $\begin{pmatrix} A & & & \\ \bullet & 3 & \bullet & 1 \\ \bullet & 4 & \bullet & 1 \\ \bullet & 5 & \bullet & 6 \\ \bullet & 7 & \bullet & 8 \\ \end{pmatrix}^{B}$ of these sets: (i) A (ii) *B* (iii)  $A \cap B$  (iv)  $A \cup B$