**4.8 Forming Two Digit Numbers Using Using 4.** We form to **Forming Two Digit Numbers Using** We form two digit numbers using digits, 0, 1, 2, 3, 4, 5, 6, 7, 8 and g Pre are two comes using digits of the second secon (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*2)* (*3)* (*3)* (*3)* (*3)* (*3)* (*3)* (*4)* (*3)* (*4)* (*3)* (*4)* (*3)* (*4)*( Case (1): Without repeating the digits. The numbers are 22 and 32 Case (2): Without repeating the digits. **Case (2) :** With the digits repeating. The numbers are 22 and 33. **Example 2 :** Form two digit numbers using the digits 4, 5 and 6. Swer: Case (1): Without the digits repeating. The numbers are : 45, 46, 54, 56Answer: **Case (2) :** With the digits repeating. The numbers are 44, 55 and 66, and 64. **Example 3 :** Form two digit numbers using the digit 0, 1 and 2. When we form two digit numbers, we have to place digit 0 at the one Represented to the one of the o place only. If we place 0 at tens place, the number will become a one dig Case (1): Without the digits repeating. The two digit numbers are : number. e.g. 02, 01. Case (2): With the digits repeating. The two digit numbers are : 11 and & Exercise 1. Form two digits numbers using the digits given below : (a) 1, 3-13,31 (b) 6, 7-67,76 (c) 8, 9-89,98,98,1 (d) 1, 2, 32313212 (e) 5, 6, 7-57,57 (f) 6, 7, 8.67,76,86 Find the are 13,22 2. Find the greatest and smallest number formed by the digits : (a) 4, 5-54145 (b) 3, 4, 5-34,54 (c) 1, 2, 3-12,13,11 (d) 5, 6, 7-56, 5767 (e) 7, 8, 9-79,98 (f) 3, 0, 5 50,30

(34)