

Exercise 1.4

Q.1 Put the appropriate symbol ($<$, $>$) in each of the following boxes.

$$(i) 102394 \square 99887$$

$$(ii) 2507324 \square 2517324$$

$$(iii) 3572014 \square 10253104$$

$$(iv) 47983505 \square 47894012$$

Solution (i) $102394 \boxed{>} 99887$ (ii) $2507324 \boxed{<} 2517324$

(iii) $3572014 \boxed{<} 10253104$ (iv) $47983505 \boxed{>} 47894012$

Q.2 Arrange the following numbers in ascending order:

$$(i) 102345694, 8354208, 6539542, 63547201, 12345678$$

$$(ii) 18089090, 1808088, 181888, 190909, 16060666$$

Solution: As we know that for comparing numbers the number having more digits is always greater than the number having less digits.

Also in case of same number of digits we compare the left most digit and continue on basis of above concept

$$(i) \quad 6539542 < 8354208 < 12345678 < 63547201 < 102345694$$

$$(ii) \quad 181888 < 190909 < 1808088 < 18089090 < 16060666$$

Q.3 Arrange the following numbers in descending order.

(i) 56943300, 56943201, 5695440, 56944000, 5694437

(ii) 1020216, 1020308, 1021430, 893245, 893425

Solution:

(i) Descending order can be written as.

$56944000 > 56943300 > 56943201 > 5695440 > 5694437$

(ii) $1021430 > 1020308 > 1020216 > 893425 > 893245$
