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COMPARING NUMBERS

There are three symbols ($>$, $<$ or $=$) which are used for comparison of numbers.

Symbol	Meaning	Example in symbol
$>$	Greater than	$7 > 4$
$<$	Lesser than	$4 < 7$
$=$	Equal to same as	$7 = 7$

These are three ways of comparing numbers.

1st WAY: Check which number has more digits. A number which has more digits is always greater than other a number which has less digits.

EXAMPLE : Tick (\checkmark) on the greater number.

T	O	<input type="radio"/>	T	O	<input type="radio"/>
2	9			9	
2 digits			1 digit		

29 has more digits than 9.

Therefore 29 is greater than 9.

$29 > 9$.

2nd WAY: If any number has greater digit at tens place and other number has lesser digit at tens place, first number is called greater number.

EXAMPLE : Tick (✓) on the bigger number.

T	O	○	T	O	○
8	6		7	5	
2 digits			2 digits		

86 has greater digit 8 at tens place.

75 has lesser digit 7 at tens place.

so, $8 > 7$.

3RD WAY : If the digits of two numbers at tens place are the same, the number with a greater digit at ones place is greater.

EXAMPLE : Tick (✓) on the greater number.

T	O	○	T	O	○
5	4		5	8	
2 digits			2 digits		

58 has greater number 8 in ones place.

54 has lesser number 4 in ones place.

so, $8 > 4$.

Exercise

1. Circle the greater number in each set :

- | | | |
|--------------|--------------|--------------|
| (a) 31 35 | (b) 20 22 | (c) 10 15 |
| (d) 9 20 | (e) 36 38 | (f) 43 47 |
| (g) 58 59 | (h) 65 63 | (i) 71 79 |
| (j) 99 90 | (k) 33 78 | (l) 8 20 |
| (m) 17 19 | (n) 23 29 | (o) 38 34 |

(p) 42 44

(q) 49 41

(r) 53 57

(s) 69 65

(t) 83 81

(u) 11 22

2. Circle the lesser number in each :

(a) 4 5

(b) 11 8

(c) 10 12

(d) 18 21

(e) 24 26

(f) 24 38

(g) 49 34

(h) 38 34

(i) 68 59

(j) 25 52

(k) 57 43

(l) 98 56

(m) 84 75

(n) 99 98

(o) 88 51

(p) 39 57

(q) 88 51

(r) 36 48

(s) 63 87

(t) 48 43

(u) 54 45

3. Put the sign $<$, $>$ or $=$:

12 70

18 31

25 14

31 30

38 38

44 43

51 49

56 53

62 58

19 68

69 69

32 73

13 70

45 75

26 72

57 32

39 15

66 44

14 50

33 63

27 59

46 67

40 0

58 71

53 16

67 74

15 40

21 33

28 51

34 45

16 88

59 34

29 17

22 46

63 61

60 66

17 99

25 35

55 18

61 65

57 10

14 25

4. Circle the greatest number in each :

(a) 12 20 29

(b) 15 27 30

(c) 12 20 29

(d) 50 53 62

(e) 38 49 63

(f) 39 51 65

(g) 48 52 64

(h) 16 26 32

(i) 13 21 31

(j) 55 67 75

(k) 47 54 66

(l) 40 74 77

(m) 28 33 56

(n) 17 25 34

(o) 43 57 68

(p) 41 58 73

(q) 44 59 69

(r) 18 24 35

(s) 14 22 37

(t) 42 60 72

(u) 45 61 70

(v) 19 23 36

(w) 46 71 76

(x) 19 23 36

5. Circle the lesser number in each :

(a) 30 43 63

(b) 36 54 76

(c) 44 64 89

(d) 77 98 21

(e) 31 45 65

(f) 37 55 78

(g) 46 66 90

(h) 56 79 99

(i) 32 47 67

(j) 38 57 80

(k) 48 68 91

(l) 81 57 80

(m) 33 49 69

(n) 81 20 22

(o) 50 70 92

(p) 39 58 82

(q) 34 51 71

(r) 83 23 27

(s) 72 96 93

(t) 40 59 84