

# 1

# NUMBER SENSE



## QUICK CONCEPT REVIEW

### Numerals:

Numerals are symbols used to write numbers. The digits used to form numbers are:

1 2 3 4 5 6 7 8 9 0

### Counting Numbers:

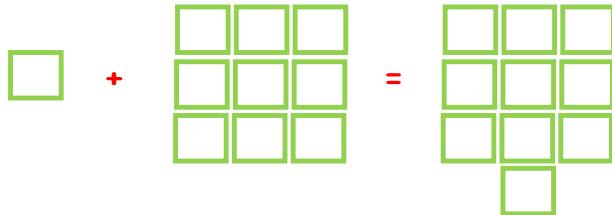
The numbers 1, 2, 3 ..... used to count things are called counting numbers.

One, two, three ..... are called number names of 1, 2, 3 .....

1	one
2	two
3	three
4	four
5	five
6	six
7	seven
8	eight
9	nine

### Ones and Tens:

1 and 9 ones makes 10 ones equals 1 ten



**Note:** 0 does not have any value on its own, but acts as a place holder.

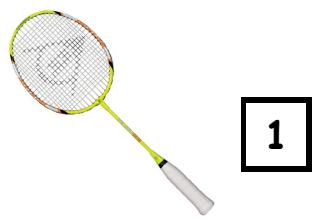
# I Grade-Number Sense

## At The Park



### Counting:

Count And Write How Many Of These Are There In The Park



6



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**Zero (0):****Count And Write In The Box**How many birds are sitting on the tree? **3**One bird flies in the air. Now, how many birds are left? **2**One more flies there are **1****Count and Read:****1****2****JUNIOR MATHS OLYMPIAD**

## I Grade-Number Sense

3



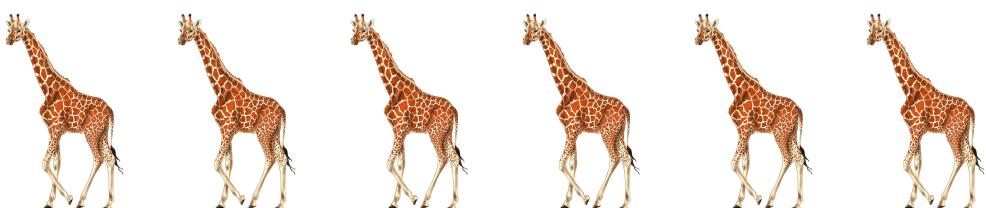
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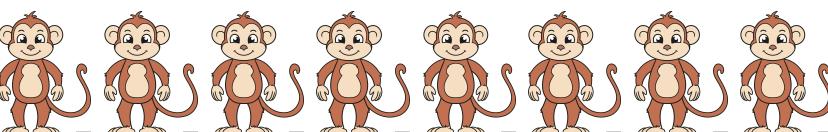
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7



8



9



10



8



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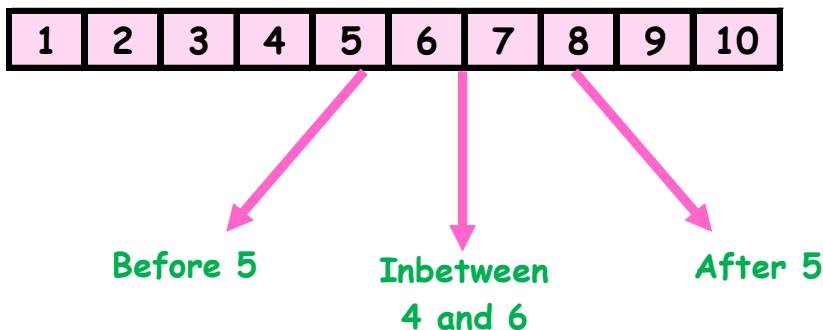
Fill in The empty Boxes with the Number and Number Names:

SIX		TWO		THREE		FOUR
	TEN		NINE		EIGHT	

SIX	10	TWO	9	THREE	8	FOUR
6	TEN	2	NINE	3	EIGHT	4

Before, After & Between:

Have a look at the number strip given below.



Write the number that comes just before the given number

5 6 7 6 2 3

4 5 8 9 6 7

Write the number that comes just after the given number

7 8 2 3 5 6

8 9 4 5 1 2

Write the numbers that comes in between the two given numbers

5 6 7      1 2 3      6 7 8

3 4 5      8 9 10      4 5 6

## I Grade-Number Sense

### More & Less:

#### More:

- "The number which comes just after any number is one more than that number".

**Write One More Than The Given Number:**

6		4		8	
5		2		7	

**The numbers along with the missing numbers are::**

6	7	4	5	8	9
5	6	2	3	7	8

#### Less:

- "The number that comes just before any number is one less than that number".

**Write One Less than the Given Number:**

	10		4		3
	7		6		8

**The numbers along with the missing numbers are:**

9	10	3	4	2	3
6	7	5	6	7	8

### Formation of Greatest and Smallest Numbers:

#### Greatest Numbers:

For forming the greatest 2 digit numbers, place the bigger digit at tens place and the smaller digits at ones place.

**Example:** Form greatest number using digits 7 and 9.

Greatest number = 97



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**Smallest Numbers:**

For forming the smallest 2 digit numbers place the smaller digit at tens and the bigger digit at ones place.

**Example:** Form smallest number using digits 5 and 7.

Smallest number = 57.

**Ordinal Numbers:**

Numbers such as 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th and 10th specify the position of an object in an ordered collection. These numbers are called positional numbers or ordinal numbers.

First, Second, Third ..... are the ordinal numbers for 1, 2, 3 .....

First	 st
Second	 nd
Third	 rd
Fourth	 th
Fifth	 th
Sixth	 th
Seventh	 th
Eighth	 th
Ninth	 th
Tenth	 th

**Number sense (Two-Digit Numbers):**

A two digit number can be written in tens and ones . Example: 25 = 2 tens and 5 ones



## I Grade-Number Sense

### Numbers upto 20:

11	Eleven
12	Twelve
13	Thirteen
14	Fourteen
15	Fifteen
16	Sixteen
17	Seventeen
18	Eighteen
19	Nineteen
20	Twenty

### Number Names (Numbers upto 100):

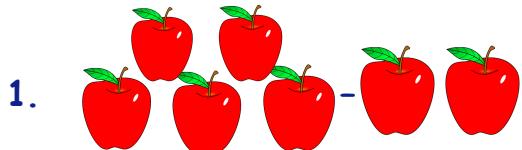
Number Name	Number of Tens	Number
10	Ten	1
20	Twenty	2
30	Thirty	3
40	Forty	4
50	Fifty	5
60	Sixty	6
70	Seventy	7
80	Eighty	8
90	Ninety	9
100	Hundred	10





## LEVEL

1



1.   
 A) 3      B) 1  
 C) 4      D) 2

2. Write a number which is one more than the given number

2 \_\_\_\_.

A) 1      B) 0  
 C) 4      D) 3

3. \_\_\_\_.  
 A) 1      B) 4  
 C) 3      D) 2

4. 6 \_\_\_\_ 10

A) 7,9      B) 6,8  
 C) 9,7      D) 5,7 5,7

5. + \_\_\_\_.  
 A) 4      B) 1  
 C) 3      D) 5

6. 5 \_\_\_\_ 9 write the missing numbers.

A) 6,8      B) 7,8  
 C) 8,6      D) 5,6

7. Write the missing numbers  
 2 \_\_\_\_ 4,5 \_\_\_\_ 7.

A) 3 and 9  
 B) 3 and 4  
 C) 3 and 6  
 D) 1 and 6

8. Count forward. Write the missing numbers.

\_\_\_\_ 5, 6 \_\_\_\_ 8

A) 4 and 9      B) 3 and 7  
 C) 4 and 5      D) 4 and 7



9.

This image has how many balloons \_\_\_\_.

A) 8      B) 5  
 C) 6      D) 7

## I Grade-Number Sense

10. This image has how many balls  
\_\_\_\_\_.

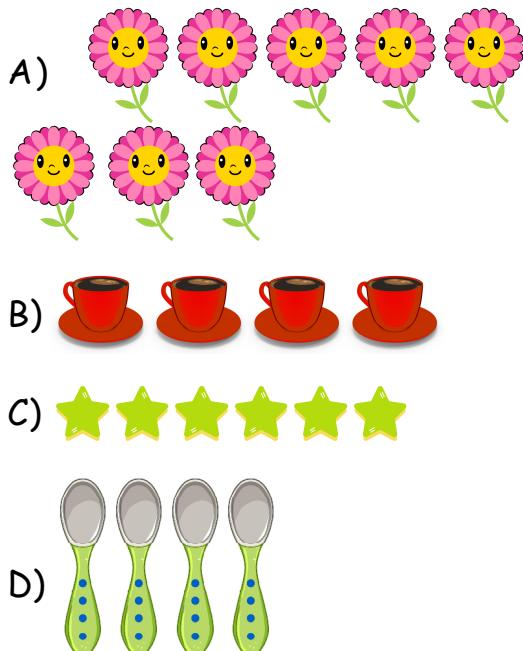


- A) 6
- B) 5
- C) 4
- D) none

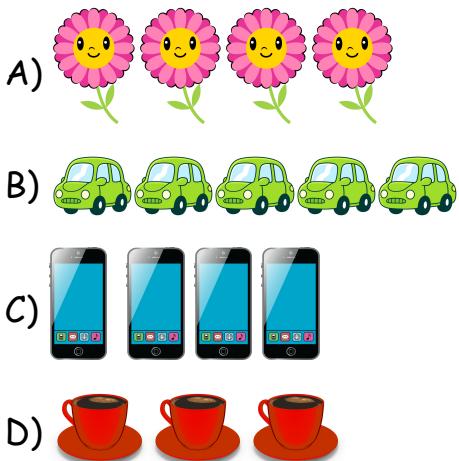
11. The greatest one digit number is 9. What is its number name?

- A) Ten
- B) Nine
- C) Five
- D) Two

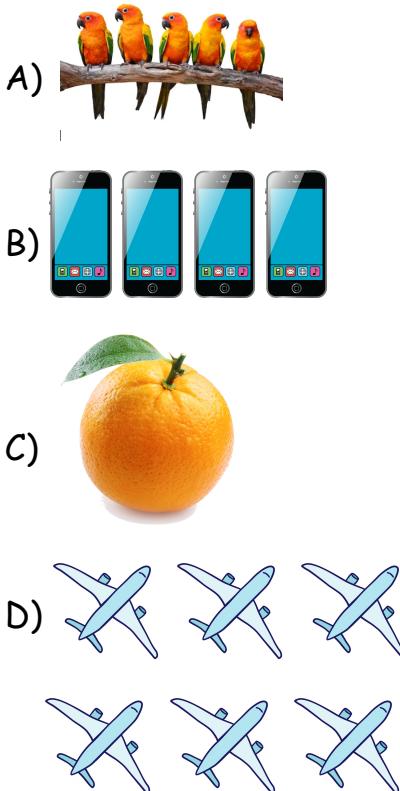
12. Which of the following has 6 objects?



13. Which of the following has the number name three ?



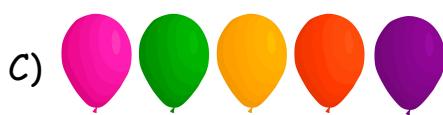
14. Which of the following is 1 more than 4?



15. Which of the following is correct?

- A)  7
- B)  5
- C)  3
- D)  8

16. Choose the correct number of objects for "Four".

- A)  2
- B)  4
- C)  5
- D)  3

17. Which of the following is matched correctly?

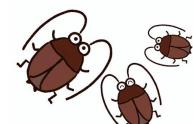
- A)  2
- B)  8
- C)  9
- D)  3

18. Choose the option with correct order of numbers.

- A) 8 6 4 1
- B) 1 5 3 7
- C) 3 0 1 8
- D) 9 8 2 7

19. Match the number of objects to their number names.

Column I

- a)  3
- b)  5
- c)  6
- d)  4

Column II

- i) Seven
- ii) Three
- iii) Four
- iv) Five

## I Grade-Number Sense

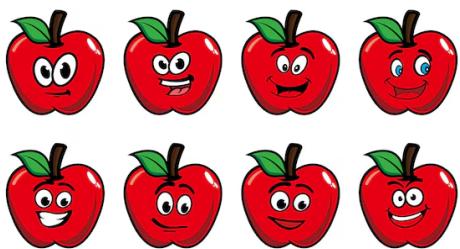
A) a-i, b-ii, c-iii, d-iv

B) a-iv, b-ii, c-i, d-iii

C) a-ii, b-iv, c-i, d-iii

D) a-iii, b-ii, c-i, d-iv

20. Choose the correct number of the given object.



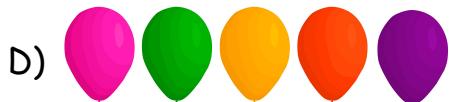
A) 8

B) 10

C) 9

D) 7

21. Select the group with 8 objects.



22. Match the numbers to the objects.

### Column I

a) 5

b) 2

c) 8

d) 9

### Column II



A) a-i, b-iv, c-ii, d-iii

B) a-iii, b-iv, c-i, d-ii

C) a-ii, b-iii, c-iv, d-i

D) a-iii, b-ii, c-iv, d-i

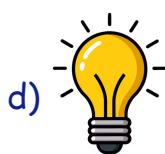
23. Choose the number name for the number of objects in the box



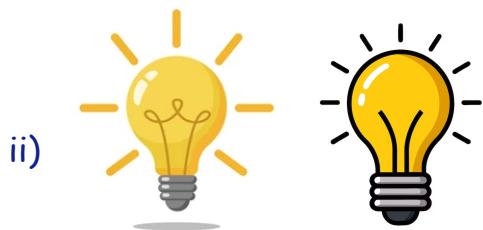
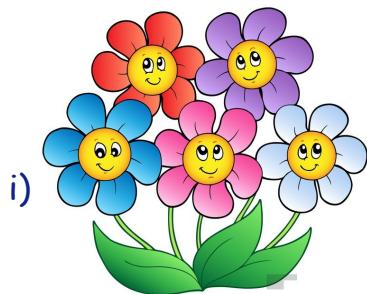
A) Nine      B) Seven  
C) Six      D) Eight

24. Match the numbers to the objects.

Column I



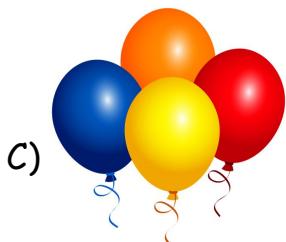
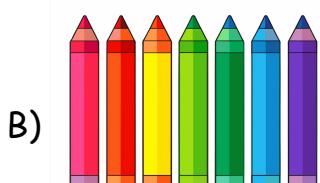
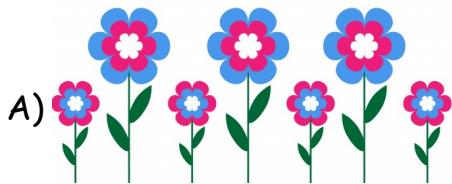
Column II



A) a-iii, b-ii, c-i, d-iv  
B) a-i, b-ii, c-iii, d-iv  
C) a-ii, b-iv, c-i, d-iii  
D) a-iv, b-i, c-iii, d-ii

## I Grade-Number Sense

25. Choose the correct number of objects for 'Ten'.



LEVEL

2

26. 5 6 8 10 9 7. Write the correct order.

A) 5 6 7 8 9 10

B) 5 6 7 9 8 10

C) 5 6 8 9 10 7

D) 6 5 7 8 9 10

27. 8, 7, 9, 6, 5, 4, 3 Is it correct order?

A) False

B) True

C) Can't say

D) None

28. Which of the following is correct?

A) 7 - Six

B) 6 - Three

C) 5 - Five

D) 9 - Eight

29. Choose the one that is wrong.

A) Four - 4

B) Seven - 7

C) Nine - 9

D) One - 0

30. What is the ordinal number of 7?

A) First

B) Seventh

C) Sixth

D) Ninth

31. Which number has “eighth” as its ordinal number ?

A) 6      B) 5  
C) 5      D) 8

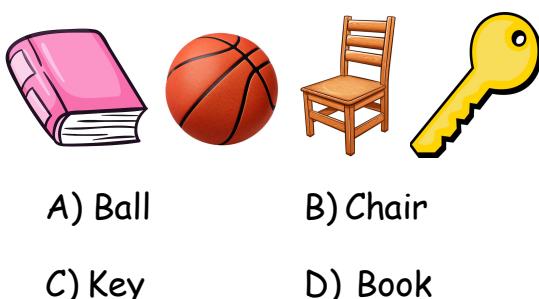
32. Which of the following has numbers in an order ?

A) 4 2 0 6  
B) 3 5 7 10  
C) 7 9 2 3  
D) 6 7 8 5

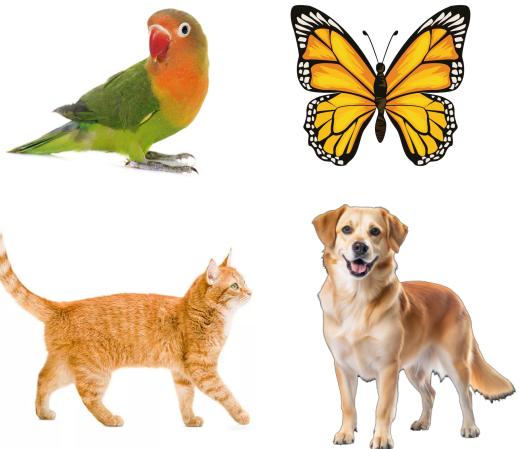
33. Which number tells the position of an object in a set ?

A) Ordinal Numbers  
B) Numerals  
C) Number names  
D) Counting Numbers

34. Which object is fourth from the left in the set given ?



35. Which is standing in the third place in the line ?



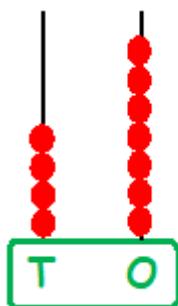
A) Parrot  
B) Butterfly  
C) Cat  
D) Dog

36. Which of the following is NOT a correct match?

A) Sixty two  
B) Thirty two  
C) Eighty one  
D) Thirty four

## I Grade-Number Sense

37. The number on the given abacus is \_\_\_.



- A) 7 tens 4 ones
- B) 4 tens 6 ones
- C) 6 tens 4 ones
- D) 4 tens 7 ones

38. Tinku wrote numbers counting by tens. Which number did he miss writing?

30, 40, ?, 60, 70

- A) 50
- B) 45
- C) 55
- D) 65

39. Who is standing in the fifth place in the line?



- A) Sony
- B) Ruth
- C) Sachin
- D) Preeti

40. Things are paired by taking the first object from I and the second one from II. Which of the following is correctly paired?

I.					
II.					

- A)
- B)
- C)
- D)



LEVEL

3

41. Which of the following has objects 1 less than 8?

- A) ★★★★★★★★
- B) ★★★★★
- C) ★
- D) ★★★★★★★★

42. Who has maximum number of apples?

Ria



Radhika



Rupal



Rupali



A) Radhika

B) Ria

C) Rupali

D) Rupal

43. Which of the following is the correct descending order of numbers?

A) 43, 47, 65, 82

B) 59, 68, 41, 32

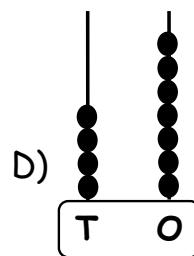
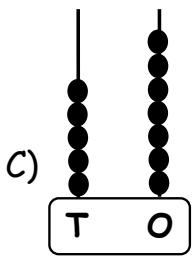
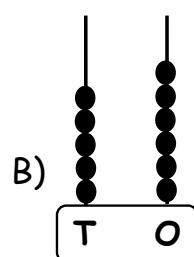
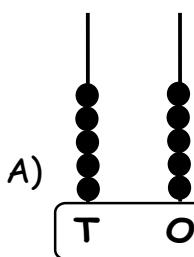
C) 75, 63, 59, 41

D) 46, 48, 50, 52

44. Six rabbits are numbered as follows. Which rabbit shows the number lying between 30 and 40 and also having 7 at ones place?



45. Which abacus shows 1 more than 56?

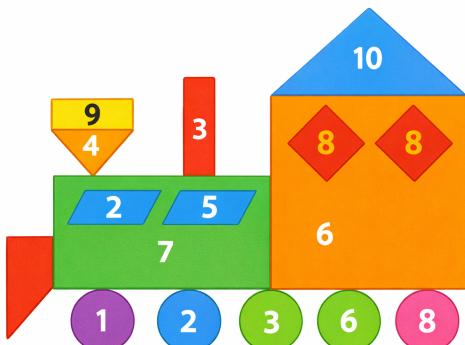


## I Grade-Number Sense

46. Which of the following is the correct arrangement from the lightest to the heaviest?

- A) 
- B) 
- C) 
- D) 

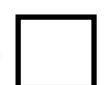
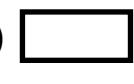
47. Observe the figure given. What is the ordinal number of the number  $\bigcirc$  in?



- A) Sixth
- B) Seventh
- C) Fourth
- D) First

48. A pattern of some shapes is given. Which shape will be the tenth in the pattern?



- A) 
- B) 
- C) 
- D) 

49. Which of the following does not include neither a numeral nor a number name?

- A) Your house number
- B) Your date of birth and age
- C) Your father's mobile number
- D) Your name.

50. What is common between 49, 59 and 69?

- A) All 3 numbers have 2 digits.
- B) All 3 numbers have 9 at ones place.
- C) Both (A) and (B)
- D) Neither (A) nor (B)