



# NUMBER and PLACE VALUE (to 10)

## KNOWLEDGE ORGANISER

### Overview



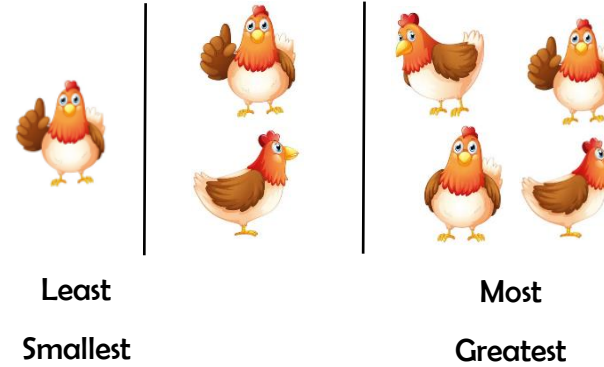
**In our unit on number and place value** we learn to:

- Sort Objects
- Count Objects
- Represent Objects
- Count, read, write forwards/ backwards from 0 to 10
- Use the Number Line
- Count One More & One Less
- Compare/Order Groups
- Compare/Order Numbers

**Number and Place Value is useful learning because it is the foundation for all other maths.** It helps us to understand the value of digits of numbers and to use mental calculation methods. It helps us to use maths functionally in many areas of our lives.

### Comparing and Ordering

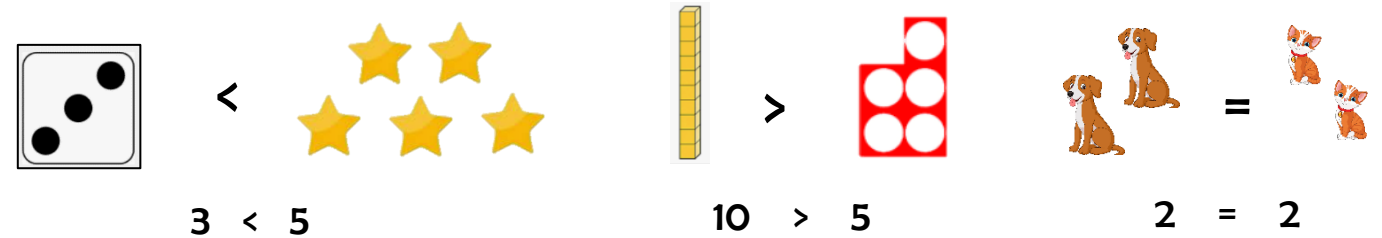
#### Comparing



#### Ordering



> Greater than   < Less than   = Equal to

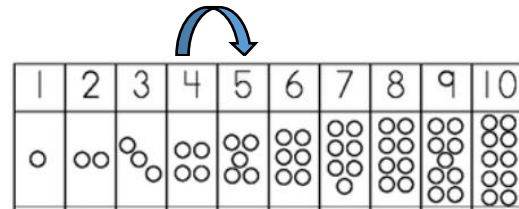


### Numbers to 10/ Counting 1 More and 1 Less

#### Numbers to 10 (numerals and words)

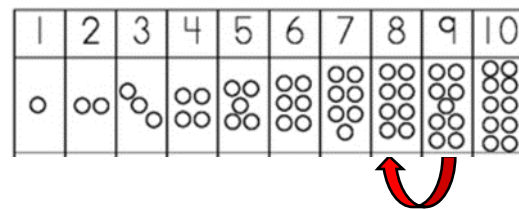
1	●	One
2	●●	Two
3	●●●	Three
4	●●●●	Four
5	●●●●●	Five
6	●●●●●●	Six
7	●●●●●●●	Seven
8	●●●●●●●●	Eight
9	●●●●●●●●●	Nine
10	●●●●●●●●●●	Ten

#### Counting 1 More and 1 Less



One more than 4 is 5.

5 is one more than 4.

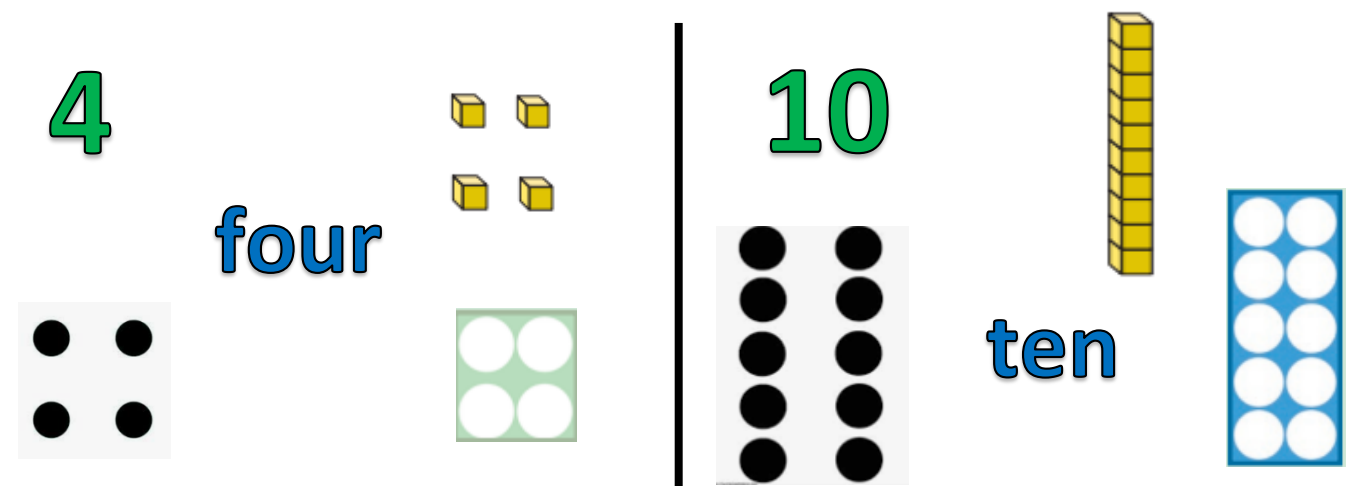


One less than 9 is 8.

8 is one less than 9.

### Representations

There are many different ways that we can show numbers. Examples below for 4 and 12.



### Key Vocabulary

Number   Digit   Least   Smallest   Greatest   Ones   Tens   First   Second   Third   More   Less