Number Cystem [Binam & Reimud Number

=> Method to represent values on quantities using different digits.

Decimal system!

- 1. The decimal number System has base 10.
- 2. 9+ uses ligits from 0 to 9.
- 3. Bosel 3+ is a number of symbols (digits) a number systems uses.

Binam. system!

- 1.9+ how a base of 2.
- 2. It only two ligits i.e. o and 1.

Dec. to Bin. Convension!

- 1. Diride number by 2.
- 2. Stone reminder (that will be a bit in biscarry)

- 3. Repeat Above steps with the gustient until quotient is less than 2.
 4. Revense the bits so obtained.
 - Dec. to Bin, Convenstion (13 itwise)!
 - 1. Obtain bit with bitwise And openation i.e. (NEA)
 - 2. Right Shiff N by 2. (N2 N>>2)
 - 3. Repeat above steps till N>0.
 - 4. Reverse the bits so obtained

[for onterview Ose bitwise method].

Ginary to Decimal!

1. Multiple ed

2. Add up al

3. Sum is

1. Multiple each Light with its place value.

Roal mount) major (dial diagram) score of.

- 2. Add up all place value.
- 3. Sum is the decimal humber.