Lesson 20 Convert Decimals

How to convert a decimal number into other base numbers:

Divide the **decimal number** to be converted by the value of the **new base**.

For example:

converting **decimal** to **binary**(base-10 to base-2) : divide by **2**

converting **decimal** to **octal** (base-10 to base-8) : divide by **8**

converting **decimal** to **hexadecimal** (base-10 to base-16) : divide by **16**

we'll get the **remainders** from right to left until the **quotient** becomes **0**.