

Our clock 60 base \rightarrow Sexagesimal system
based on 60. used to measure time.

$\left(\overset{100}{2} \overset{10}{4} \overset{1}{5} \right) \rightarrow$ our number system

$$\text{III} + \text{III} \rightarrow \text{VI}$$

* Enice use Decimal number system.

why octal $\frac{\quad}{8}$ and Hex $\frac{\quad}{16}$

$$2^3$$

$$2^4$$

$$(7) \rightarrow 111 \rightarrow \underline{3 \text{ bits}}$$

$$(F) \rightarrow 1111 \rightarrow \underline{4 \text{ bits}}$$

1 nibble

$$(9) \rightarrow 1001 \rightarrow 4 \text{ bits}$$

32 bit
64 bit
128 bit

$$\begin{aligned} 2^4 &= 16 \checkmark \\ 2^5 &= 32 \checkmark \\ 2^6 &= 64 \checkmark \\ \underline{2^7} &= \underline{128} \checkmark \end{aligned}$$