$$|729 = |.|000 + 7.|00 + 2.|0 + 9$$

$$= |.|0^{3} + 7.|0^{2} + 2.|0| + 9.|0|$$

$$= |.|0^{3} + 7.|0^{2} + 2.|0| + 9.|0|$$

$$|35| = |.|6| + 3.6| + 5.6$$

$$42_{10} = 4.10^{1} + 2.10^{6}$$

$$110_{6} = 1.6^{2} + 1.6^{1} + 0.6^{6} = 42_{10}$$

(onvert 66,0 to base 4

Base 2: binary, computers 9,0 = 10012

Base 20,60

Base 16: hexadecimal 0,1,... 9, A,B,