

Power of 2

10	9	8	7	6	5	4	3	2	1	0
2^{10}	2^9	2^8	2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
1024	512	256	128	64	32	16	8	4	2	1

$$1\text{K} = 2^{10} = 1,024 \approx 10^3$$

$$1\text{M} = 2^{20} = 1,048,576 \approx 10^6$$

$$1\text{G} = 2^{30} = 1,073,741,824 \approx 10^9$$

$$1\text{T} = 2^{40} = 1.09951 \times 10^{12} \approx 10^{12}$$