

byte	→ 8 bits	
kilobyte (KB)	→ 2^{10} bytes	= 1,024 bytes (= 8,192 bits)
megabyte (MB)	→ 2^{20} bytes	= 1,048,576 bytes (= 8,388,608 bits)
gigabyte (GB)	→ 2^{30} bytes	= 1,073,741,824 bytes (= 8,589,934,592 bits)
terabyte (TB)	→ 2^{40} bytes	= 1,099,511,627,776 bytes (= 8,796,093,022,208 bits)