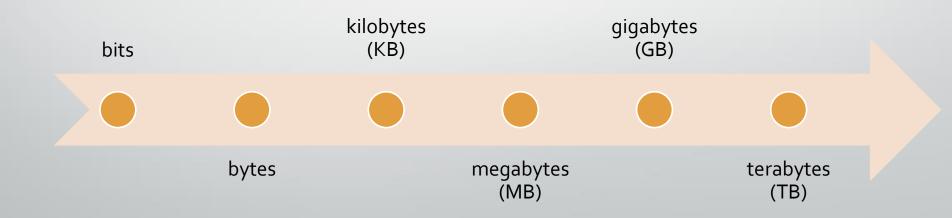
## Basic Units of Computers Memory

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The fundamental units of memory, from smallest to largest are;

bits bytes kilobytes (KB) megabytes (MB) gigabytes (GB) and terabytes (TB)



•Bit: The smallest unit of digital information, representing a 0 or 1.

**Nibble:** Is just a greater version of Bit. It is a combination of 4 bits of binary digits or half of an Octet.

•Byte: A group of 8 bits, commonly used to represent a single character or other small units of information.

•Kilobyte (KB): 1024 bytes, often used to describe the size of small files or documents.

•Megabyte (MB): 1024 kilobytes, or 1,048,576 bytes, commonly used for larger files, images, or music.

1024 KB = 1 MB

•Gigabyte (GB): 1024 megabytes, or approximately 1 billion bytes, often used to describe hard drive capacity and RAM size.

1024 MB = 1 GB

•Terabyte (TB): 1024 gigabytes, or about 1 trillion bytes, typically used to measure the capacity of large-scale storage devices.

1024 GB = 1 TB