

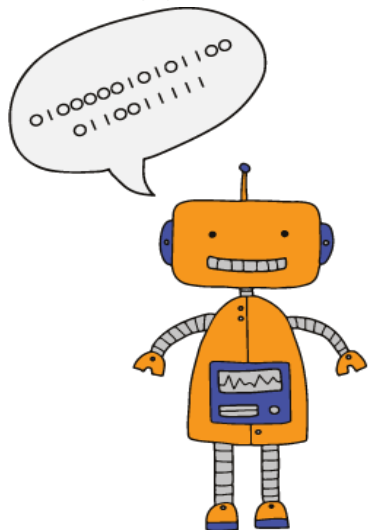
Name: _____

Hour: _____

Binary Data Volume Chart

	Bits	Bytes	Megabytes	Gigabytes
<i>bit</i>	1			
<i>byte</i>	8	1		
<i>kilobyte (kB)</i>	8,192	1,024		
<i>megabyte (MB)</i>	8,388,608	1,048,576		
<i>gigabyte (GB)</i>	8,589,934,592	1,073,741,824	1,024	
<i>terabyte (TB)</i>	8,796,093,022,208	1,099,511,627,776	1,048,576	1,024
<i>petabyte (PB)</i>	9,007,199,254,740,960	1,125,899,906,842,620	1,073,741,824	1,048,576
<i>exabyte (EB)</i>	9,223,372,036,854,720,000	1,152,921,504,606,840,000	1,099,511,627,776	1,073,741,824
<i>zettabyte (ZB)</i>	9,444,732,965,739,280,000,000	1,180,591,620,717,410,000,000	1,125,899,906,842,620	1,099,511,627,776

Note: Usually when you buy computer parts, manufacturers round Megabytes to the nearest whole number, so if you buy a 500 gigabyte hard drive, you are really only getting 500,000,000,000 bytes of space which is actually 465 gigabytes. A 4 terabyte hard drive would only have 3,725 gigabytes (3.7 tb) of space!



Megabyte
MB
 1 Million Bytes
 1956-2002



Gigabyte
GB
 1 Billion Bytes
 2002-2016



Terabyte
TB
 1 Trillion Bytes
 2017-Now