

bit = 1 bit

1 byte = 8 bit

1 kilo byte = 1024 byte

1 megabyte = 1024 kilobyte

1 gigabyte = 1024 megabyte

1 terabyte = 1024 gigabyte

1 petabyte = 1024 terabyte

8GB = $8 \times 1024 = 8192$ megabyte = $8192 \times 1024 = 8388608$ kilobyte

$8388608 \times 1024 = 8589934592 \times 8 = 68,719,476,736$ bit

1	0	0	0	0	1	1	1	0	1
0		0	0	0	0	0	0		

Name = a

1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0