

Converting Units

bit

Byte - 8 bits in a Byte

Kilobyte - 1000 Bytes in a kB

Megabyte - 1000 kB in a MB

Gigabyte - 1000 MB in a GB

Terabyte - 1000 GB in a TB

Converting Units

There are 8 bits in a Byte

So, 4 Bytes = ?

64 bits = ?

Converting Units

There are 8 bits in a Byte

So, 4 Bytes = 4×8 bits

64 bits = $64 \div 8$ Bytes

Converting Units

Converting bigger units to smaller = **MULTIPLY**

bit

Byte

kilobyte

Megabyte

Gigabyte

Terabyte



Bits to Bytes x by 8



How many Bytes
are there in 2 MB?

x 1000 for each
jump

- add 000 to the
end each time

Converting Units

Converting smaller units to bigger = **DIVIDE**

bit

Byte

kilobyte

Megabyte

Gigabyte

Terabyte

Bits to Bytes \div by 8

Convert 16000
Bytes to kiloBytes

\div 1000 for each
jump

- take off 000
each time