Converting Bits and Bytes

1. How many bits are there in a Byte? …………………………………………………………..

2. Put the **prefixes** in order, from smallest (1) to biggest (4).

Write the numbers 1, 2, 3 and 4 in the table to show the order

Prefix	Order (1–4 where 1 is smallest)
Mega	
Kilo	
Tera	
Giga	

3. Alex has a file on their computer which is 3,000 kilobytes (KB) in size.

Convert 3,000 kilobytes (KB) to megabytes (MB)

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4. Jamie has a hard drive for their computer which has 2 terabytes (TB) of space.

Convert 2 terabytes (TB) to megabytes (MB)

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5. George needs to convert 32 bits to Bytes. Can you tell them the answer?

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