

AQA Computer Science GCSE

3.3.3 Units of Information

Flashcards

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What is the fundamental unit of information?



What is the fundamental unit of information?

A bit



What does "bit" stand for?



What does "bit" stand for?

Binary digit



How many bits are in a byte?



How many bits are in a byte?

8 bits



What is the symbol for a bit?



What is the symbol for a bit?

Lowercase b



What is the symbol for a byte?



What is the symbol for a byte?

Uppercase B



What is a kilobyte (kB) equal to?



What is a kilobyte (kB) equal to?

1,000 bytes



What is a megabyte (MB) equal to?



What is a megabyte (MB) equal to?

1,000 kilobytes (1,000,000 bytes)



What is a gigabyte (GB)
equal to?



What is a gigabyte (GB) equal to?

1,000 megabytes



What is a terabyte (TB) equal to?



What is a terabyte (TB) equal to?

1,000 gigabytes



What is the correct order of
units from smallest to
largest?



What is the correct order of units from smallest to largest?

Bit → Byte → Kilobyte → Megabyte →
Gigabyte → Terabyte



What is the difference
between b and B ?



What is the difference between b and B?

b = bit, B = byte (capitalisation matters!)



How many bytes are there in
3 MB?



How many bytes are there in 3 MB?

3,000,000 bytes

