

3 A new computer comes with primary and secondary storage.

(a) Data storage is measured using binary denominations.

Complete each conversion.

8 bytes = nibbles

512 kibibytes (KiB) = mebibytes (MiB)

4 gibibytes (GiB) = mebibytes (MiB)

1 exbibyte (EiB) = pebibytes (PiB)

[4]

Working space

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(b) Random access memory (RAM) is an example of primary storage.

Give **three** examples of data that is commonly stored in RAM.

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2

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[3]

(c) Describe the purpose of secondary storage.

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[2]