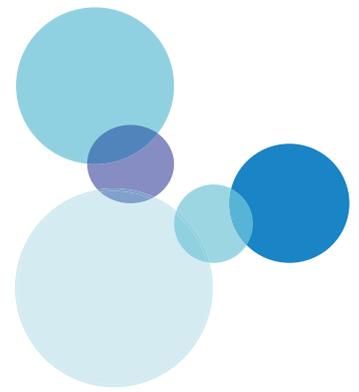


# The need for RAM

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## Worksheet 1



- 1** The term 'RAM' is an acronym.  
State what the initials RAM stand for.

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- 2** Explain why this type of memory is called 'random access' and how this affects the speed at which data can be retrieved from it.

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- 3** What is the main function of RAM in a computer?

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- 4** (a) In what form is data saved in RAM?

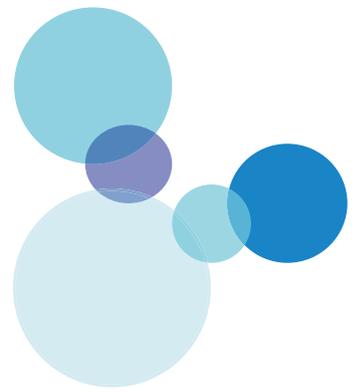
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- (b) How much data can be saved in each memory location?

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# The need for RAM (continued)

## Worksheet 1



(a) The main RAM in a computer is made up of dynamic RAM or DRAM.

Why is it referred to as dynamic?

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(b) List the differences between dynamic RAM and static RAM.

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