**5.2 system bus**

**Name \_\_\_\_\_\_\_\_\_\_\_ class\_\_\_\_\_\_\_\_\_\_\_\_\_**

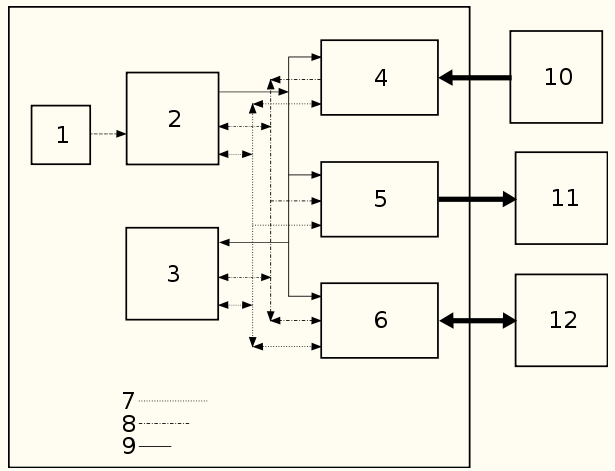
1. Name three ways to increase Processor performance

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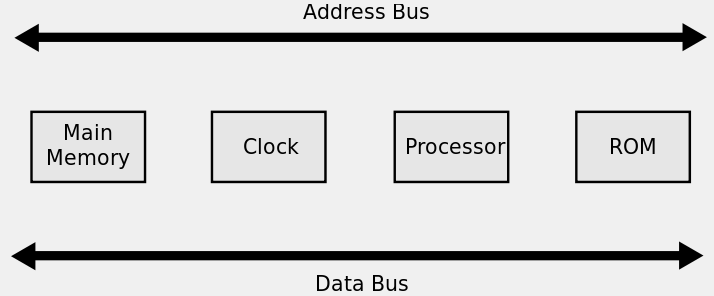
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2. Match the following components to the numbers on the diagram: Processor, Data bus, Control Bus, Main memory, Keyboard, Secondary storage, Address bus, Clock, Monitor, VDU (Visual Display Unit) controller, disk controller, keyboard controller



1. For the following diagram where applicable add single or multi directional connections between devices and buses



1. **(a)** Explain how the width of the data bus and system clock speed affect the performance of a computer system.

Width of the data bus

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Clock speed

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**(b)** Most computers use Universal Serial Bus (USB) ports to allow the attachment of devices.

Describe **two** benefits of using USB ports.

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