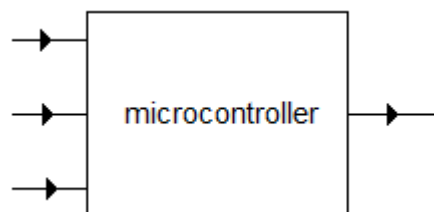


- 1 A microcontroller has three different inputs and one output when it is running its program.  
Link each **input / output** with its **function**.



input / output
adc
reset
input port
output port

function
latches a binary word from a register
the program runs when this goes high
copies information as a binary word into a register
creates binary words to represent analogue signals

- 2 Complete the sentences for a microcontroller. Choose from these words.

**address      bit      flip-flops      memory      registers      word**

The program for a microcontroller is held in its \_\_\_\_\_.  
This is a set of \_\_\_\_\_, each of which has a unique \_\_\_\_\_.  
A register is made from a set of \_\_\_\_\_, one for each \_\_\_\_\_ of the \_\_\_\_\_ it holds.

- 3 Complete this block diagram for a microcontroller. Choose from these words.

**central processor      clock      input port      memory      output port**

