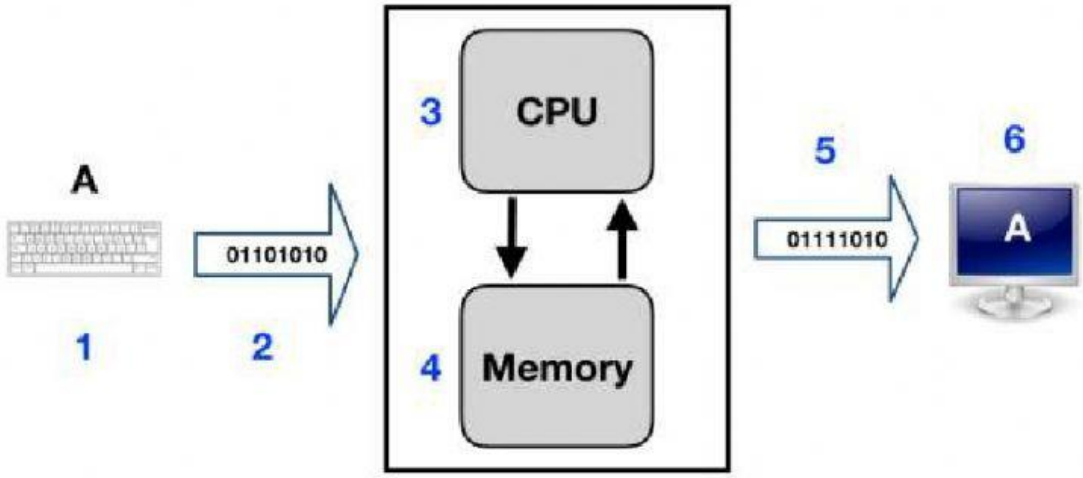
Activity Worksheet: How Does a Computer Work

1. **Place the correct number inside the circle to match the description of how input travels through the computer to become output**



- ◯ How to display the letter 'A' pixel by pixel is calculated
- ◯ The keyboard converts the letter into a binary number which is sent to the computer
- ◯ The pixel information is converted so that we can see the letter 'A' on the screen.
- ◯ A user types the letter 'A' on a keyboard
- ◯ The instructions on how to draw the letter 'A' as pixels are stored
- ◯ The pixel information is sent as binary to an output device

2. **All computers do the same 4 things. What are they?**

- _____ information
- _____ _____
- Process _____ _____
- _____ _____

Store nformation

Input Output

information information

LIVEWORKSHEETS

Check ✔ the correct column to indicate if the device is an input or output device

Hint: some rows may have 2 check marks.

	Input Device	Output Device		Input Device	Output Device
smartphone screen					
smartphone camera					

LIVEWORKSHEETS