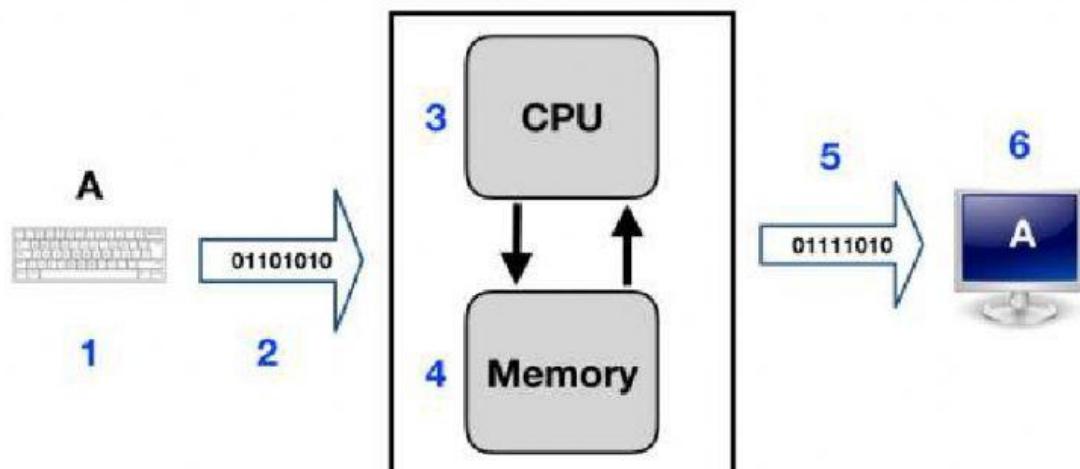


Activity Worksheet: How Does a Computer Work

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 Store _____ information
- _____ information Input _____ Output
- _____ information information _____ information



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					