

# Week 4 Quiz

1. How many pins does the Raspberry Pi B+ have?

- a. 16
- b. 26
- c. 36
- d. 40

2. How many GPIO pins are dedicated to the SPI protocol?

- a. 3
- b. 4
- c. 5
- d. 6

3. What voltage level is associated with HIGH on the GPIO of the Raspberry Pi?

- a. 2.5
- b. 3.3
- c. 3.5
- d. 5.0

4. What function determines the numbering of the pins used?

- a. `GPIO.pinMode()`
- b. `GPIO.setdir()`
- c. `GPIO.output()`
- d. `GPIO.setmode()`

5. What function determines whether a pin will be used as an input or an output?

- a. `GPIO.setup()`
- b. `GPIO.setmode()`
- c. `GPIO.setdir()`
- d. None of the above

6. What function is used to set a pin to a value?

- a. `GPIO.output()`
- b. `GPIO.set()`
- c. `GPIO.drive()`
- d. `GPIO.setval()`

7. What function is used to read a digital value on a pin?

- a. GPIO.read()
- b. GPIO.readval()
- c. GPIO.input()
- d. OGPIO.digitalRead()

8. What function is used to read an analog value on a pin?

- a. GPIO.analogRead()
- b. GPIO.input()
- c. GPIO.analoginput()
- d. None of the above