

Reading

Read the passage and check your understanding.

What is digital media?

Digital can be defined as any data represented with a series of digits. **Media** refer to methods of broadcasting or communicating information. **Digital Media** mean any information that are broadcasted to people through **digital devices**.

Computer and other modern electronic devices such as cameras, mobile phones, are digital devices because they can process data in the form of digit numbers (0 and 1). The digitized content can be transmitted over the internet or computer networks by a series of blips travelling across a wire (transmission media). There are 3 mains ways that digit numbers travel: wires, fiber optics, and radio waves.

WI-FI is a wireless networking technology that uses radio waves to send information. Adapter in your computer translate the ones and zeros into a radio signal. This signal is broadcasted across thin air at the speed of light. Mobile phone uses radio waves to transmit signals to a network of base station. Base stations can transmit and receive radio waves to connect the users of mobile phones and other devices to mobile communication networks.

For this reason, we can say that it's the **Digital Era** because we can use digital tools, digital devices, smartphones and other technologies to communicate on the internet nowadays.

Source: <https://pixabay.com> / <https://www.lonelyplanet.com>

● Checking Comprehension

7. Read the following sentences and mark them true (✓) or false (✗).

- ☐ 1. This is the Digital Era because all information stored in computer will be digitized to digit numbers.
- ☐ 2. Digital means any data represented with a series of digits (1, 7).
- ☐ 3. Media refer to methods of broadcasting or communicating data.
- ☐ 4. Digital Media need to be presented through digital devices.
- ☐ 5. Digital cameras, mobile phones, and electric fans are digital devices.
- ☐ 6. Digital signals will be changed to radio signals for communication with mobile phone.
- ☐ 7. WI-FI is a wire networking technology that uses radio waves to send information.
- ☐ 8. Digital numbers are a series of blips travelling across a wire.
- ☐ 9. Digital Media are information that is broadcasted to people through a wire.
- ☐ 10. Mobile phone needs modem to transmit radio waves to other mobile users.