



COOL TECH

Virtual Reality and Other Useful Tech

Today, we have more technology at our fingertips than ever before. But what is the use of technology if it does not change our everyday lives? Find out how new inventions will make day-to-day living richer, easier, and more fun in *Virtual Reality and Other Useful Tech!*

What did you learn?

QUESTIONS

1. A picture aiming to give the viewer a sense of being present at a scene or event is called a ...
 - a. Sensorama
 - b. Panorama
 - c. Gyroscope
 - d. Look-O-Vision
2. Some fitness tracker brands are ...
 - a. TomTom
 - b. Fitbit
 - c. Garmin
 - d. All of the above
3. The first baby monitor was available in the year ...
 - a. 1973
 - b. 1793
 - c. 1937
 - d. 1739
4. A smart device is ...
 - a. Any device with at least one embedded computer chip that can perform various functions and respond to simple commands
 - b. A manufacturing technology that creates three-dimensional objects from computer instructions
 - c. A portable telephone equipped to perform additional functions beyond calling, such as providing internet access, supporting text messaging, or taking photographs
 - d. All types of electronic equipment and applications that use information in the form of numeric code
5. What was the name of IBM's digital speech recognition tool released in 1961?
6. What is a hoverboard?

TRUE OR FALSE?

- | | |
|---|--|
| _____ 1. CAVE stands for Cave Automatic Virtual Environment. | _____ 4. The Magnavox Odyssey was the great-grandfather of modern video game consoles. |
| _____ 2. A VR experience must fill a viewer's entire field of view to be immersive. | _____ 5. Medical professionals have experimented with VR in order to treat PTSD. |
| _____ 3. Google Cardboard, despite its name, is an expensive VR system. | _____ 6. Virtual assistant's microphones turn off when they're not in use. |

ANSWERS

- 1. b. Panorama.** According to the section "Virtual Reality" on page 10, we know that "Panoramas aimed to give the viewer a sense of being present at a historical event or scene." So, the correct answer is B.
- 2. d. All of the above.** According to the section "Health Trackers" on page 28, we know that "And, thanks to various colors, textures, and designs, they can even be quite fashionable. Popular brands include Fitbit, Garmin, and TomTom." So, the correct answer is D.
- 3. c. 1937.** According to the section "Health Trackers" on page 33, we know that "In 1937, the first baby monitor was available to the masses." So, the correct answer is C.
- 4. a. Any device with at least one embedded computer chip that can perform various functions and respond to simple commands.** According to the section "Glossary" on page 46, we know that "smart device is any device with at least one embedded computer chip that can perform various functions and respond to simple commands." So, the correct answer is A.
- 5.** According to page 15, IBM's digital recognition tool was called *Shoebox*.
- 6.** According to page 46, a hoverboard is "a futuristic skateboard without wheels, that glides smoothly on a cushion of air."

TRUE OR FALSE? ANSWERS

- 1. True.** According to the section "Virtual Reality" on page 9, we know that "CAVE stands for Cave Automatic Virtual Environment." So, the correct answer is True.
- 2. True.** According to the section "Virtual Reality" on page 10, we know that "To be fairly immersive, a VR experience must fill a viewer's entire field of vision." So, the correct answer is True.
- 3. False.** According to the section "Virtual Reality" on page 11, we know that "The technology company Google demonstrated a cheaper way when it introduced Google Cardboard in 2014." So, the correct answer is False.
- 4. True.** According to the section "Technological Toys" on page 40, we know that "Magnavox Odyssey was the great-grandfather of modern video game devices." So, the correct answer is True.
- 5. True.** According to the section "Virtual Reality" on page 13, we know that "Medical professionals have experimented with virtual reality in the treatment of a number of conditions, including post-traumatic stress disorder (PTSD)." So, the correct answer is True.
- 6. False.** According to the section "Virtual Assistants" on page 17, we know that "Virtual assistants are passive listening devices. That means that their microphones are always on." So, the correct answer is False.