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**Q: What are the similarities and differences between VR and AR?**

**A:**

**Similarities**

* They are both capable of altering our perception of the world. They lead to the discovery of previously unknown features and the generation of new ideas. The computer in both cases employs similar sensors and algorithms. Both are immersive technologies.
* **VR** and **AR** technologies have applications in a variety of fields, including education, healthcare, gaming, and others.

**Differences**

* In **Virtual Reality**, the user is completely immersed in a computer-generated environment, leading the user to believe that the artificial environment is real.
* The real world is enhanced with digital overlays in **Augmented Reality**, giving the user the impression that the real environment is virtual.
* To experience **Virtual Reality**, devices such as headsets, headmounts, and so on are required.
* **Augmented Reality** can be viewed through the camera on a smartphone, laptop, or tablet.
* **AR** is used for more practical applications such as industrial design and advertising, whereas **VR** is mostly used for entertainment and simulation.