

Name _____

Unlocking the Mystery: How Vast Is the Universe?

Short Answer

1. What is the observable universe, and how big is it in terms of light-years?
2. What method do astronomers use to measure cosmic distances, and why is it significant?
3. Explain what a light-year is and why it's a useful unit of measurement in astronomy.
4. Who made the groundbreaking observation that the universe is expanding, and how did they make this discovery?

