

Name _____

Through the Cosmic Lens: Exploring Telescopes

Short Answer

1. Describe how refracting telescopes and reflecting telescopes differ in terms of their optical components.
2. Explain the significance of the focal length in determining a telescope's magnification.
3. Name one type of telescope that combines lenses and mirrors and briefly mention its advantages.
4. Why are telescopes considered vital tools in the field of astronomy?
5. Provide an example of a significant astronomical discovery or observation made possible by telescopes.