

Name _____

Telescope Types: Unlocking the Universe's Secrets

Multiple Choice Questions

1. Which type of telescope uses mirrors to reflect and focus light?
 - a) Refracting Telescope
 - b) Reflecting Telescope
 - c) Catadioptric Telescope
 - d) Radio Telescope

2. What is the main advantage of refracting telescopes?
 - a) They are excellent for observing deep-sky objects.
 - b) They provide clear views of the Sun.
 - c) They offer high-contrast images of objects in our solar system.
 - d) They are ideal for capturing radio waves.

3. Which type of telescope can capture heat radiation emitted by celestial objects?
 - a) Reflecting Telescope
 - b) Infrared Telescope
 - c) Solar Telescope
 - d) Ultraviolet Telescope

4. What do radio telescopes primarily study?
 - a) Radio waves emitted by the Moon
 - b) Visible light from distant stars
 - c) Radio emissions from celestial objects
 - d) Ultraviolet radiation from the Sun

5. What is a significant advantage of space telescopes like the Hubble Space Telescope?
 - a) They are easily accessible for maintenance.
 - b) They avoid interference from Earth's atmosphere.
 - c) They are less expensive to build.
 - d) They can observe radio waves.

