

Name _____

Day and Night Adventures with Telescopes

Multiple Choice Questions

1. What is one of the exciting daytime observations you can make with a telescope?
 - a) Tracking meteor showers
 - b) Studying distant galaxies
 - c) Observing sunspots on the Sun
 - d) Exploring lunar craters

2. How do special solar filters help with solar observations?
 - a) They block out most of the Sun's intense light and heat.
 - b) They enhance the brightness of the Sun.
 - c) They make it safe to observe stars during the day.
 - d) They improve the visibility of planets.

3. What can you observe when using a telescope for nighttime stargazing?
 - a) Sunspots
 - b) Solar prominences
 - c) The changing phases of Venus
 - d) Distant galaxies and star clusters

4. What is the role of the terminator on the Moon's surface?
 - a) It marks the border between day and night on Earth.
 - b) It indicates the time of sunset on the Moon.
 - c) It separates the light and dark regions of the Moon.
 - d) It defines the boundary between different lunar phases.

5. What is the primary reason telescopes are considered versatile tools for observation?
 - a) They are lightweight and easy to transport.
 - b) They are suitable for indoor use only.
 - c) They allow for both daytime and nighttime observations.
 - d) They can be used without any additional equipment.

