

Telescope Scavenger Hunt

Name: _____

Use the website <http://amazingspace.org/resources/explorations/groundup/> to complete this scavenger hunt.

1. _____ is the Greek word for telescope.

2. While he did not make the first telescope, _____ was the first to point his telescope at the heavens.

3. Kepler made this improvement to the refracting telescope

_____.

4. The maximum diameter of the refracting telescope was _____.

5. _____ was a great scientist who, besides associating gravity with planetary motion, created the first reflecting telescope.

6. Distinguish between refracting and reflecting telescopes.

7. Reflecting telescopes are more commonly used in astronomy because

_____.

8. Spherical aberration is _____. It was resolved by _____.

9. Atmospheric distortion can be reduced or avoided by

_____.

10. What are some advantages of radio telescopes?

11. Celestial objects are blurry when we see them from earth because of _____.

12. Name the four orbiting telescopes developed by NASA and what types of radiation they can detect.

1. _____

2. _____

3. _____

4. _____

13. One disadvantage of space telescopes is

_____.