

Name: \_\_\_\_\_

## *Telescope Search*

1. What was the first item that was used as a telescope but really was not one? (built by Hans Lippershey)
2. What are the 2 classes of telescopes?
  - a.
  - b.
3. Do large telescopes have one mirror or many mirrors?
4. Which is more important – magnification or ability to gather light?
5. What is a charge-coupled device?
6. Why would an astronomer build a telescope on a mountain?
7. If a telescope is built very high on a mountain above water vapor, what type of images are they likely trying to obtain?
8. Are space telescopes manned or unmanned satellites?
9. How are space telescopes controlled?
10. What parts of the spectrum can the Hubble Space Telescope see?
11. How do space telescopes take pictures of celestial objects?
12. Why do space telescopes produce clearer images than ground-based telescopes?
13. Who developed the first reflecting telescope?
14. Why was the first telescope not accepted in the beginning?
15. Copy and paste a copy of the first telescope to word.
16. How did Huygens change the telescope?
17. Copy and paste a copy of Huygens' telescope to word.

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18. What did Galileo discover with his telescope?
19. Copy and paste a picture of Galileo's telescope to word.
20. Who built the first reflecting telescope?
21. How does the reflecting telescope work?
22. When was the Moon photographed through a telescope for the first time?
23. Copy and paste a picture of the Harvard 15in refractor to word.
24. In 1850 scientists learned how to put silver on glass. How did this event help astronomers?