

Name: _____

Period: _____ Date: _____

Section 5: *Observatories Review*
Astronomy

Review:

1. What is the financial environment surrounding the engineering and construction of telescopes for NASA and other agencies? Explain.

2. Some of the largest telescopes are associated to what types of agencies or departments? (Hint: there are at least 3 different types)

3. Name one of the largest private sectors that fund space exploration? Research the location of the space agency and what its primary telescope is.

4. Where are observatory telescopes located?

5. Why is there a telescope located on the continent of Antarctica? Explain.

6. What are the Keck Telescopes? Where are they located and how big are they? Explain.

7. Explain what the scope located in Arizona is capable of. What is it called? How is it designed? Etc.

8. What is the VLT? Give its specifics. (Where is it? What does it do? How is it designed? etc.)

9. There is a high expense that comes with constructing scopes, so how are all of the space agencies handling this?

10. Name 8 observatories found within the United States and what area of the country they are located in.

11. What has to be submitted in order to try to use one of these big scopes?

12. What all needs to be included in the proposal?

13. What happens once the proposal is submitted?

14. We talked a lot about “runs”. What are those? Explain.

15. What is the use-technology for these scopes and why does that make the proposal and examination process easier? Explain.

16. When it comes to the scope building process, what is probably the number one skill to have? Explain why this one is so important in our day and age?

17. State what all the computers are used for at the observatories.