Sec 1.2 Physical Science Open Book Quiz, Pages 12-15

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the most important skill in science?
2. What is the application of logic and reason, to observations and conclusions called?
3. List 7 steps in the scientific method.
4. What is a variable?
5. What happens if more than one variable is changed at a time?
6. Even the results of a "failed" experiment can still be useful as an\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. What made Issac Newton think up the law of gravity?
8. Without tools or instruments, what can a scientist use to make observations?

9. What is the difference between a microscope and a telescope?

1. What is a particle accelerator?
2. What does the word "scope" mean?

12. Where is the Gemini North observatory located?