Physical Science Open Book Quiz, Pages 4-7 Name \_\_\_\_\_\_\_\_\_\_\_\_\_

1. List 4 reasons why scientist may perform experiments.

1. How are cathode rays produced?
2. What modern device is a form of a cathode ray tube?
3. How far can cathode rays travel through air?
4. What did Roentgen call the new kind of rays he discovered?
5. Why did he name them that?
6. Why were the bacteria that Fleming was trying to grow, unusual?
7. What did Fleming's new discovery lead to?
8. Soon after Roentgen's discovery, how did a Massachusetts  
   doctor use it?
9. What are the two main branches of science?
10. What does the word "nature" mean?

12. What are the two main branches of physical science?