**Science 9**

**The Microscope and Cell Theory Assignment**

**Total: /14**

Read pages 140-141 and answer the following questions in complete sentences.

1. In what year were cells first described by Robert Hooke? (1)
2. What word was used by Robert Hooke to describe the repeating honeycomb-shaped structures he saw while viewing a piece of cork? (1)
3. What three things was Anton Van Leeuwenhoek responsible for observing? (3)
4. Through which type of microscope did Leeuwenhoek view his specimens? (1)
5. What are the first two parts of the cell theory? (2)
6. Who was responsible for determining that plants and animals are made of cells? (2)
7. Which microscope uses electrons instead of light to produce a three- dimensional (3-D) image? (1)
8. What is the compound light microscopes highest magnification? (1)
9. Which microscope is capable of 2,000,000X magnification and instead of light uses electrons? (1)
10. What is one advantage of using a compound microscope over a single lens microscope? (1)