

Name: _____ Section: _____
Science and Society – Open Response Question 2

Around 1590, Hans and Zacharias Janssen created the first compound microscope. This microscope was capable of taking a closer look at different objects. Subsequently, it took around 248 years for scientists (Schleiden and Schwann) to conclude that plants and animals were made of cells.



- a) **If microscopes that could take closer looks were in existence, why do you think it took so long for scientists to come to the realization that living things were made of cells?**

- b) **Based on your response to question “a,” provide a modern day example where this concept could be applied.**