

## Reading Quiz 0.2

- 2.) 1. a.) Mexico: Trade groups (1594), School of mining (1792), botany (1798), arts (1795).
- b.) Peru: Tribunals/trade groups (1780), (hemimetallurgical Lab (1792)
- c.) Venezuela (Caracas): trade groups (1793), School of math (1760)
- d.) Guatemala: trade groups (1793), botanical garden (1796), School of math and art (1797).
- 3.) 1. Empiricism is the theory that was learned to be from experience. Our knowledge is based on experience or experimentation. Scholasticism is different because it is the system of theology/philosophy based on the church and tradition.
- 4.) 1. The private scientific libraries were formed because of the book smuggling and restriction issues. This shows that the scientific culture around books was very popular back then and was a main source of learning, which a lot of people wanted. These books are not in common libraries because they came from certain scientists and there was not as many. There were also scientific newspapers and magazines that were written by scientists.
2. The *Papel periodico de La Habana* (1790) included scientific news and articles, it had opinions surrounding the *Sociedad Economica de Amigos del Pais*. Another scientific magazine about agriculture, industry and trade weekly (1802) was published by Hipolito Vieytes.
3. Each country wanted to prove whose methods were superior or correct, so they debated over this. The ratio process, which Americans used ended up winning because this method was the most efficient.