

# Effects of the Scientific Revolution

## Matching:

- |                             |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1. Experimentation          | A. doubting and testing received wisdom                                                                              |
| 2. Skepticism               | B. scientists share ideas and improve upon one another's work                                                        |
| 3. Scientific tools         | C. locating cause and effect and new observations                                                                    |
| 4. Debate and collaboration | D. advances in mathematics and observational equipment expand the realm that humans can see, measure, and understand |

## Fill-in-the-blank:

### Scientific Advances

- Newtonian Physics – explains \_\_\_\_\_ of all objects
- Astronomy – \_\_\_\_\_ model was accepted
- Chemistry – atoms are accepted and the behavior of \_\_\_\_\_ is accurately described
- Biology – \_\_\_\_\_ and \_\_\_\_\_ are discovered, taxonomy developed
- Medicine – understanding of \_\_\_\_\_ and \_\_\_\_\_

### New ways of Making Knowledge:

- A Scientific \_\_\_\_\_
- Public Funding for Scientific \_\_\_\_\_
- New \_\_\_\_\_ keep pouring out of Europe's Scientific community

### Impacts on European Attitudes

- Boosted European Self-\_\_\_\_\_
- \_\_\_\_\_ in progress
- Application of \_\_\_\_\_ to every aspect of life

Europeans claimed dominance over the world in the name of \_\_\_\_\_.

Influence from religion \_\_\_\_\_.

The Europeans applied Science to every aspect of life:

- In agriculture → \_\_\_\_\_
- In economics and industry → \_\_\_\_\_
- In politics and government → \_\_\_\_\_

Political and Social Changes:

- Technological advancement allowed Europe to emerge as the \_\_\_\_\_ power on the globe by 1850 and \_\_\_\_\_ European world empires
- New \_\_\_\_\_ transform economies and the daily lives of normal people.
- Rapid breakthroughs lead to \_\_\_\_\_ and \_\_\_\_\_ change.