

Name \_\_\_\_\_

## Galileo Galilei: Pioneering the Science of the Stars

### Short Answer Key

1. Galileo discovered that Jupiter had its own moons, which challenged the geocentric model.
2. The Catholic Church responded by putting Galileo on trial for heresy, and he was forced to recant his views.
3. The scientific method is a systematic approach to conducting scientific inquiries, which involves experimentation, observation, and measurement. Galileo is credited with advancing the scientific method by emphasizing these principles in his work.
4. The outcome of Galileo's trial was that he was found guilty of heresy and spent the rest of his life under house arrest.
5. Galileo Galilei is considered one of the most influential scientists in history because of his pioneering use of the scientific method, his telescopic observations that supported heliocentrism, and his contributions to physics and mathematics.

