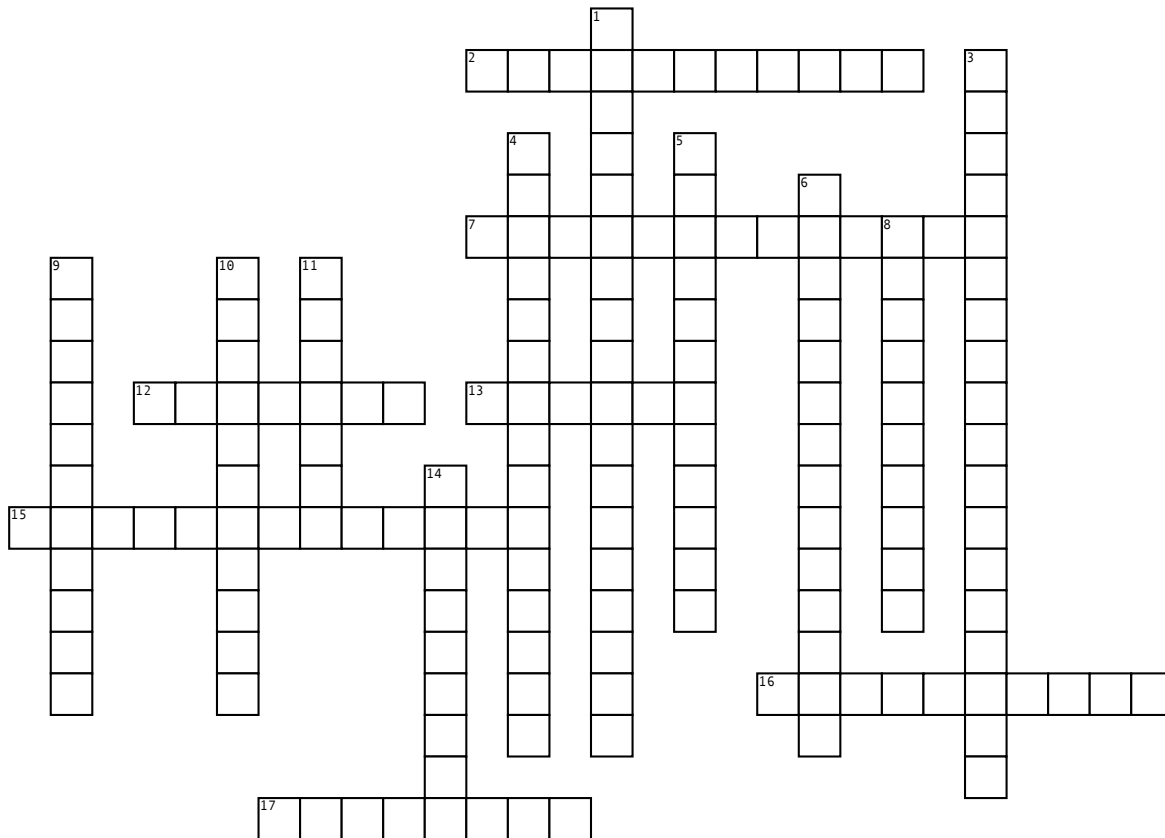


Big Bang



Across

2. Helped Build The Vesto Slipher

7. The basis to discovering the distance between a star and earth

12. A force that pulls everything together

13. The continent where modern science first flourished

15. The idea that states that the for light from stars, the distance can be measured by seeing how much the light from the star has dissipated

16. The loss of light from a galaxy as it travels to the red end of the spectrum

17. The _____ is not fixed in time or space

Down

1. Wrote "The Little Cometary" in 1514

3. Understanding based off of the combined research of others over time

4. Believed that the Earth was the center of the universe

5. The sun is the center of the universe

6. In 1594, he invented a mechanical device for mathematical calculations.

8. The Earth is the center of the universe

9. Scientists who study celestial bodies and the universe

10. He proved that "white" light was composed of all colors, and started to figure out calculus and universal gravitation – all before he was 24 years old.

11. The shape of the orbit that planets take around the sun

14. A device used to view objects at a great distance in greater detail