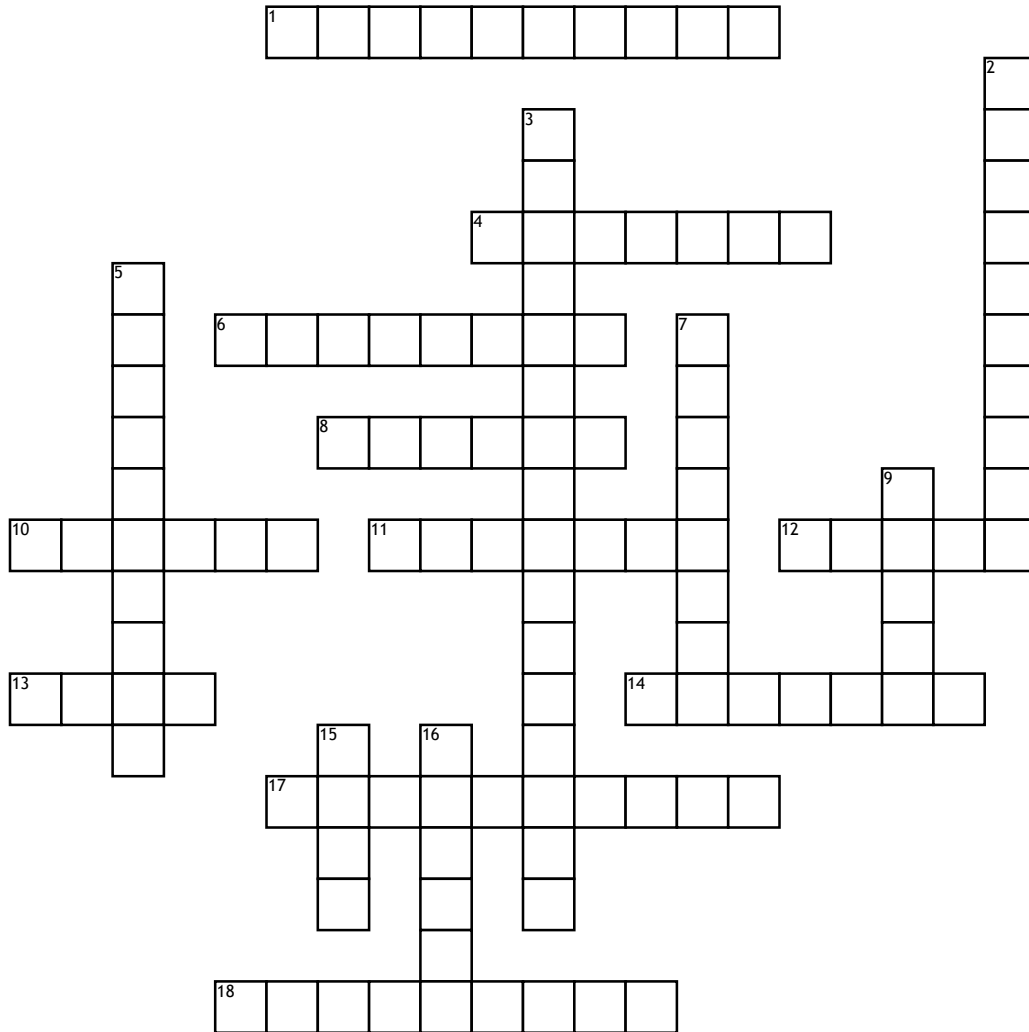


Name: _____

Ch. 4 God's Great Universe



Across

- 1. a complete ellipse around the sun
- 4. believed the universe was earth-centered
- 6. earth turns in 24 hours
- 8. discoverer of the law of universal gravitation
- 10. the time it takes for a comet to complete and orbit
- 11. a symmetrically shaped oval

Word Bank

- | | | | | |
|------------|-------------|-------------------|----------|------------|
| ellipse | solar year | Ptolemy | gravity | revolution |
| full | kuiper belt | foci | wanderer | moons |
| Copernicus | period | Newton | Kepler | rotation |
| comet | meteoroids | astronomical unit | | |

12. Venus and Mercury do not have these

- 13. phases of the moon reflecting the most sunlight
- 14. the force of attraction between any two objects
- 17. believed the universe to be sun-centered
- 18. 365 1/4 days

Down

2. the smallest space debris

3. the distance between the earth and the sun

- 5. a band of comet-like objects beyond Neptune
- 7. the meaning of the word planet
- 9. nucleus, coma, and tail
- 15. the two points inside an ellipse
- 16. discovered the 3 laws of planetary motion