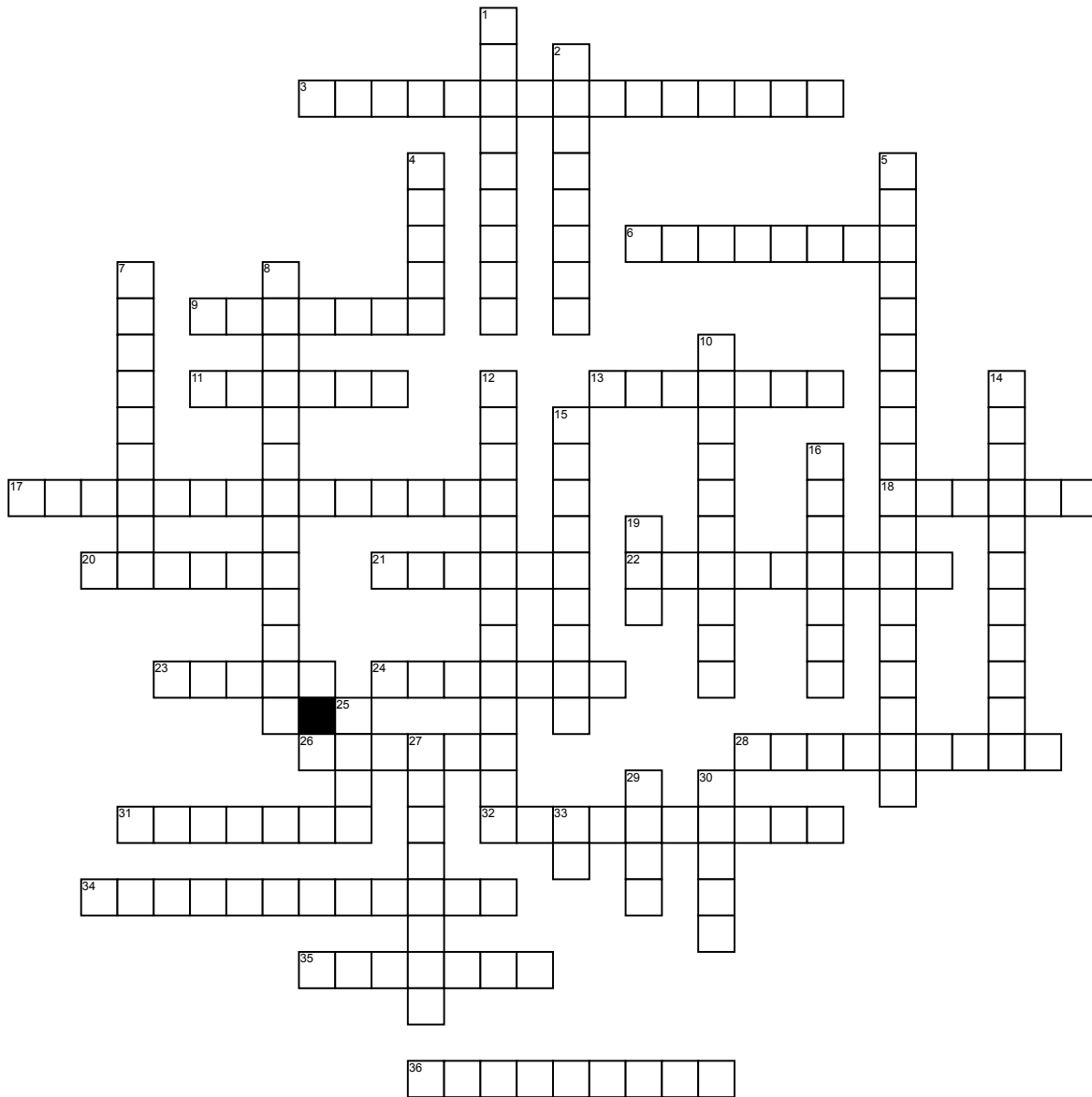


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Rapcan Study Tool



**Across**

- 3. a sphere with all 88 constellations
- 6. how high something is
- 9. the invisible circle around you on the horizon
- 11. a large clod of dust and gas light years wide
- 13. small rocks that can break through the atmosphere
- 17. Italian physicist and astronomer
- 18. contains solar systems and is held together by gravity
- 20. the invisible point above ones head
- 21. a body of rock or gas that revolves around a star
- 22. One who studies the heavens
- 23. large hot balls of gas also known as suns
- 24. a map of stars

- 26. to spin or turn/ change position
- 28. The studying of the heavens
- 31. where the sky meets the earth
- 32. an object sent out by humans to observe space
- 34. the theory that we revolve around the sun
- 35. one astronomer
- 36. instrument for perceiving stars and space bodies

**Down**

- 1. an instrument to help find the positions of stars
- 2. the way of recording a year.one revolution
- 4. approximately 1 moon cycle or 28-31 days
- 5. a rod that attracts electromagnetic waves and forces

- 7. Anything that revolves around a planet
- 8. the theory that the universe began with dust and formed by pressure
- 10. the theory that we revolve around the earth
- 12. one astronomical civilization
- 14. a place in a galaxy with a sun and planets
- 15. how far light travels in a year, 6 trillion miles
- 16. To circle or orbit
- 19. 24 hours or 1 rotation
- 25. a body of rock that moves around a planet
- 27. large rocks in space
- 29. 365.25 days or one revolution
- 30. the path around something
- 33. the measurement from the earth to the sun