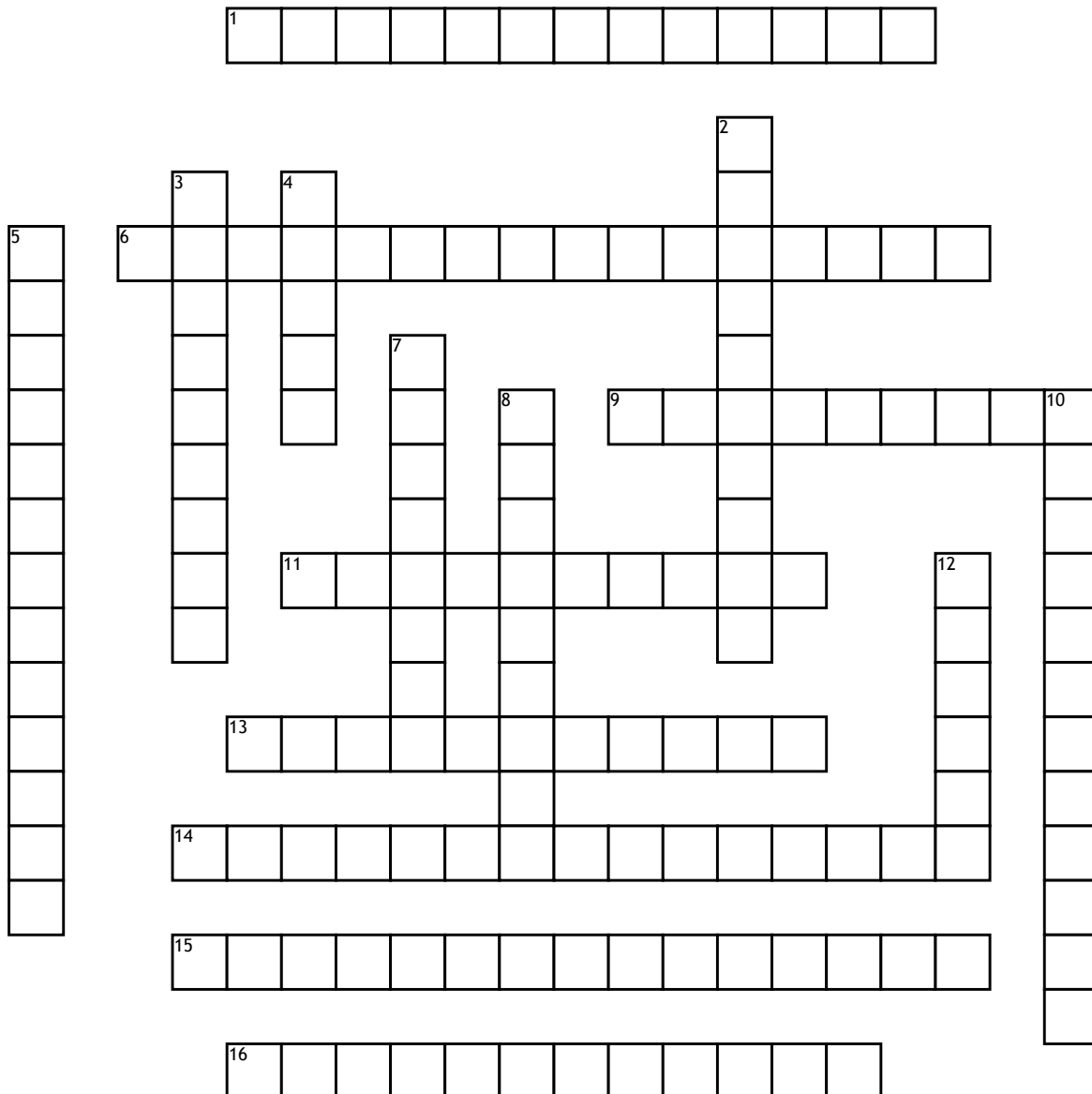


Unit 7 PA



Across

1. the process that allows a star to give off light and heat

6. the most abundant type of galaxy that has a smooth, circular (or oval) shape

9. a chart that graph a star's brightness and temperature

11. a small, hot, dense star at the end of its life cycle

13. the extremely dense remains of a dead star; very small and very dense

14. a ring-shaped nebula formed by an expanding shell of gas around an aging star

15. random, scattered type of galaxy that does not form a distinct shape or pattern

16. flat, disk-shaped galaxy with a central bulge and "arms" that extend outward

Down

2. a dead star that no longer gives off light or heat

3. a gravitational field so strong that not even light can escape

4. a star that is larger and brighter than main sequence

5. stars with supergiant luminosity

7. a dying star in last stages of stellar evolution

8. an extremely bright explosion of a star

10. 90% of stars are in this stage of their life cycle

12. a huge cloud of dust and gas held together by gravity; star nursery