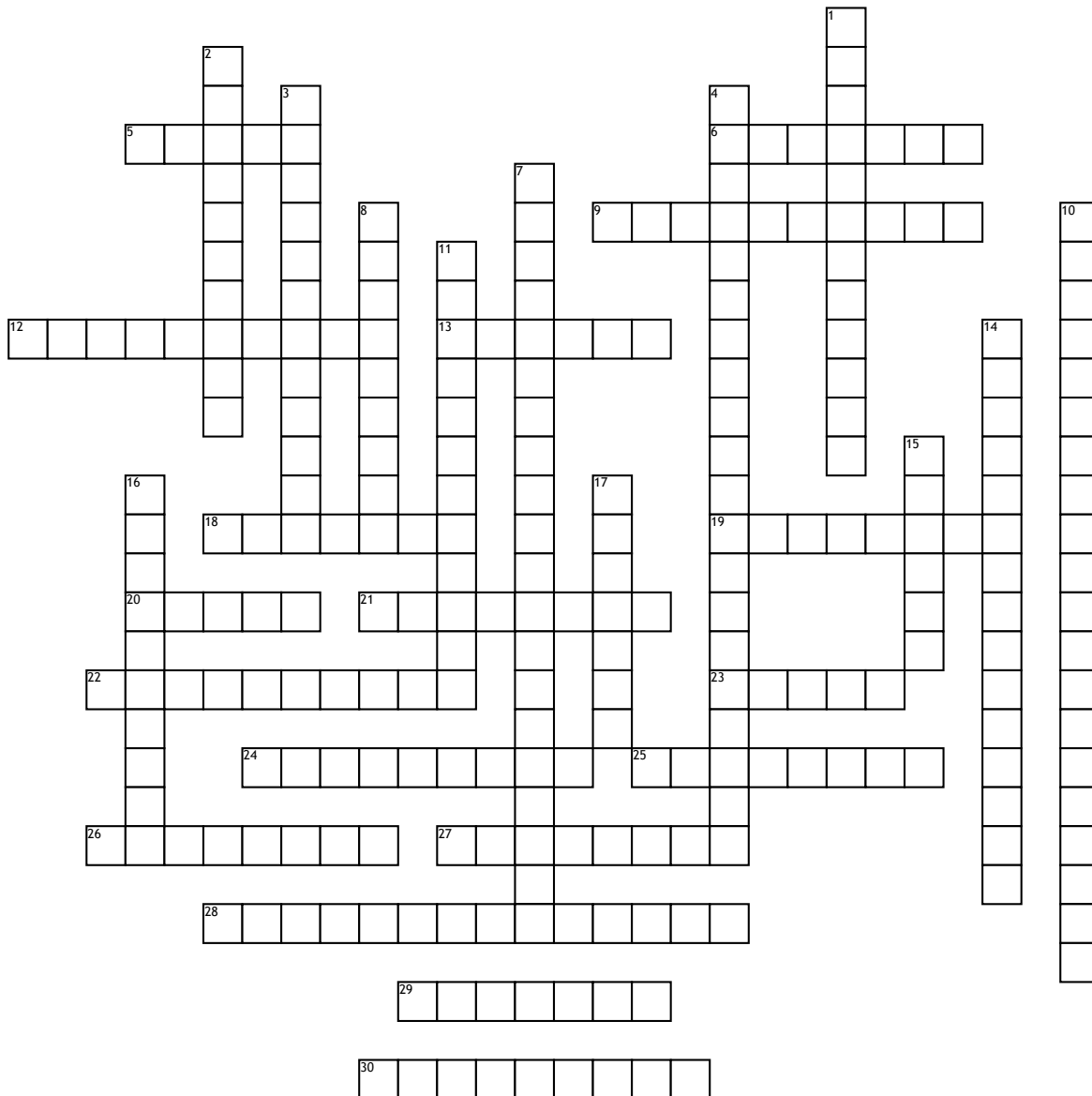


Name: _____

Date: _____

Adv. Bio



Across

5. two lumps on either side of the heart
 6. What controls are cellular processes with DNA, the genetic information
 9. what is an educated guess based on your research
 12. fourth step of scientific method
 13. Enlargement at the end of the trachea
 18. belly side of rat
 19. If Sierra checks the gages, oil level, and spark plugs on her malibu what step of the scientific method is she executing?
 20. Large tan tube leading from intestine to anus
 21. second step of scientific method
 22. What are dense areas inside the nucleus that make ribosomes?

23. Pouch connected to large and small intestine
 24. Small sacks that contain digestive enzymes used to break down foods, worn out cell parts, or undesirable substances
 25. what is the tough layer outside the cell membrane in most cells?
 26. head region of rat
 27. Muscle like tan wall above liver
 28. Modifies and packages materials
 29. used for storage of a huge range of substances such as water, nutrients, wastes, etc
 30. What are the tiny dots found on the rough ER that make proteins?

Down

1. What organelle regulates what enters and leaves the cell?

2. In what step of the scientific method would you bring back part of your data as part of the explanation?
 3. first step of scientific method
 4. A large system of membranes that creates, modifies, and transports many cell components and molecules
 7. If Sierra fails to start the car after turning the key then writes down the sounds she hears what step of the scientific method is she executing?
 8. tail region of rat
 10. fifth step of scientific method
 11. Filled with the green pigments chlorophyll where sunlight is used to create sugars by photosynthesis
 14. third step of scientific method
 15. back side of rat
 16. sixth step of scientific method
 17. tube extending from neck to chest