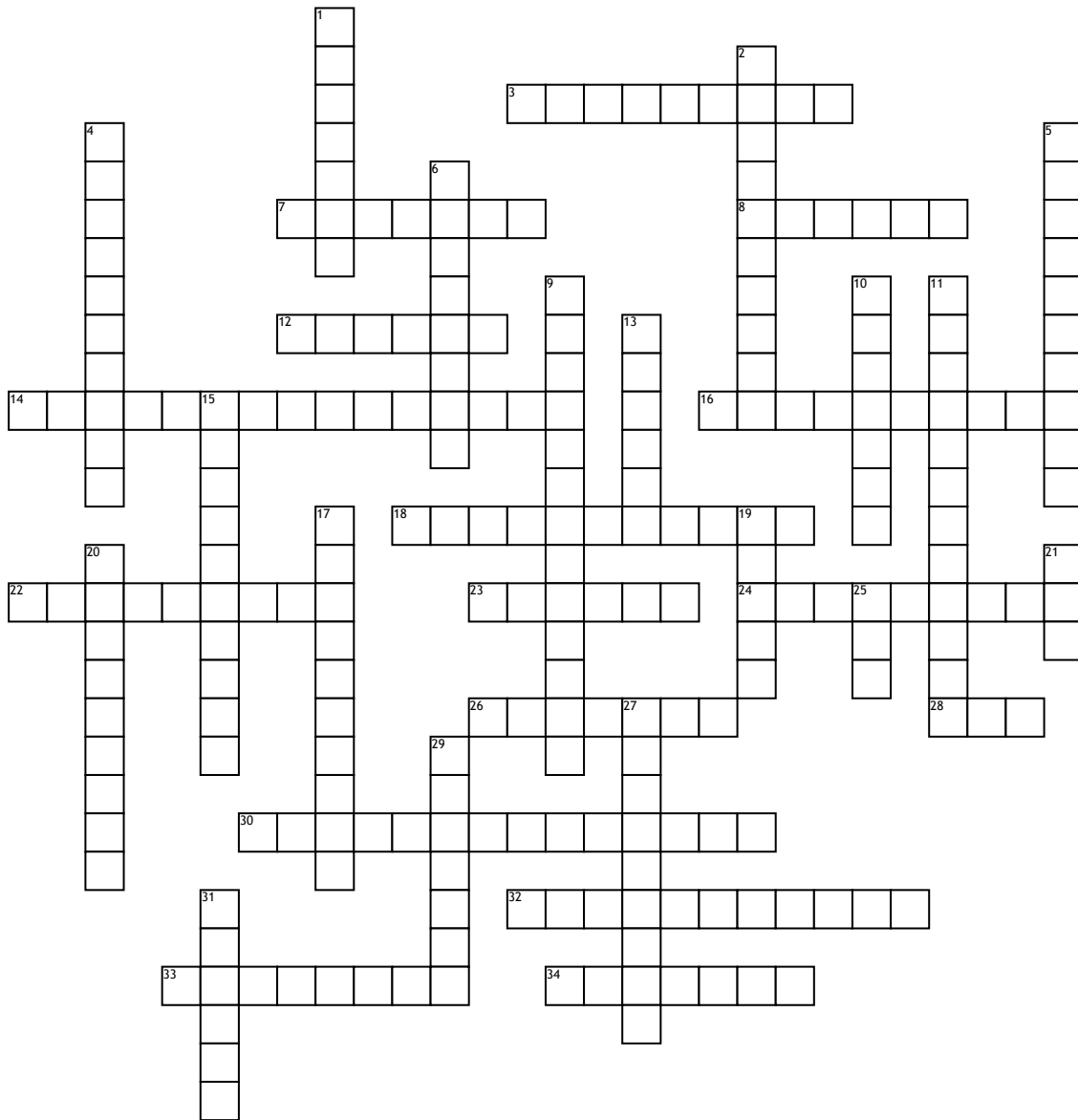


Cell Energy Crossword Puzzle



Across

3. The second to consume in the energy pyramid.
 7. What is responsible for causing a plant's green appearance.
 8. This acid and 2 ATP are made during fermentation in humans.
 12. The space inside of the inner membrane in the mitochondria.
 14. Carrier that carry electrons.
 16. Sacs that contain chlorophyll.
 18. The light reaction where ATP is made.
 22. First in the energy pyramid.
 23. The space outside of the thylakoids.
 24. The light reaction where sugar is made.
 26. The first to consume in the energy pyramid.
 28. Shortened variant of Adenosine Diphosphate.

30. The process in which sunlight, water, and oxygen are used to create energy in plants.
 32. A pigment responsible for a plant's green appearance.
 33. An orange or red plant pigment found in carrots.
 34. The folds of the inner membrane in the mitochondria.

Down

1. When oxygen is needed.
 2. The name of the distance between two crests of a wave.
 4. How much energy is passed down to the next tertiary level.
 5. The process in cellular respiration where there is a net gain of 2 ATP.
 6. The third to consume in the energy pyramid.
 9. A polygon demonstrating energy transfer.
 10. This and 2 ATP are made during fermentation in yeast.

11. The organelle which bears the location in which the Krebs Cycle takes place.
 13. The specific cycle in which sugar is made.
 15. When light enters an object and comes out the same way.
 17. When light enters an object but does not come out.
 19. What NADP+ becomes when it gains an electron.
 20. Those that eat what the producer makes.
 21. Shortened variant of Adenosine Triphosphate.
 25. What moves electrons around.
 27. When oxygen is not needed.
 29. The light which humans can see.
 31. Plural thylakoids.