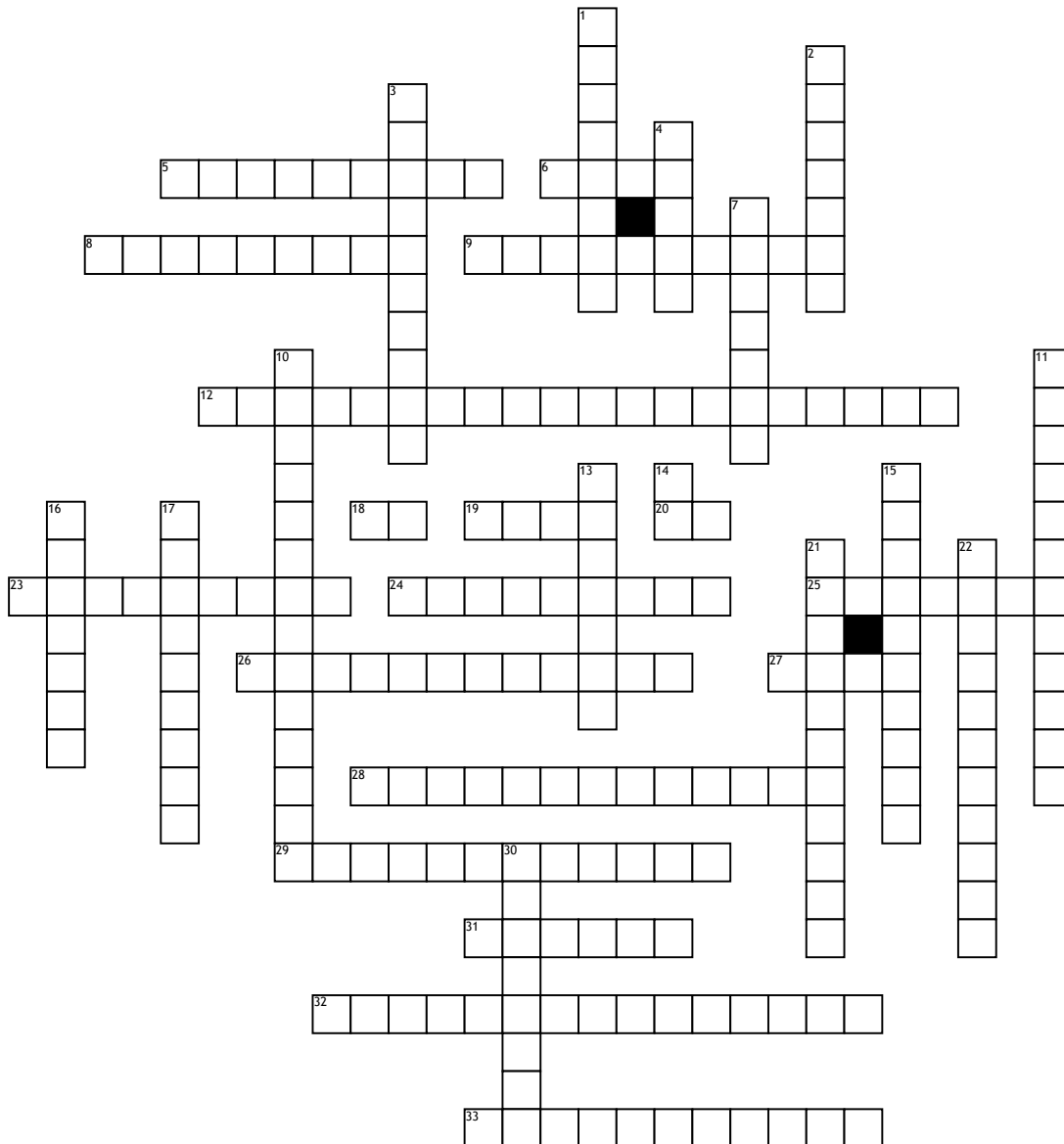


Adv Bio 2



Across

5. A simple model that illustrates the transfer of chemical energy between organisms?
 6. How many homologous pairs are in our sex cells?
 8. What eats other animals?
 9. Nitrogenous base with its sugar and a phosphate is?
 12. What does DNA stand for?
 18. How many homologous pairs are in our body cells?
 19. What is messenger ribonucleic acid?
 20. Sex chromosomes for males?
 23. Plant eating animal?
 24. Where both organisms benefit from the association?
 25. A chain of amino acids used by DNA to control all cell processes and build structures?

26. First step of the scientific method?
 27. What is Ribosomal ribonucleic acids abbreviation?
 28. When sperm joins egg?
 29. A herbivore, carnivore and omnivore are all types of?
 31. A nitrogenous base found in RNA instead of Thymine?
 32. Who created the first model of DNA?
 33. The phase that occurs after mitosis?

Down

1. Gametes are?
 2. A complex model of interrelated food chains linked together to show energy transfer relationships?
 3. Organisms that feed on other animals that they have not killed?
 4. Set of 3 nucleotides on mRNA that codes for a specific amino acid?
 7. Cells have pairs of chromosomes is?

10. The second step of the scientific method?
 11. Tips of chromosomes switch and create diversity is?
 13. Cells do not have pairs of chromosomes are?
 14. Sex chromosomes for female?
 15. Chromosomes that have duplicated and are still connected by a centromere are?
 16. Organisms capable of reproducing to produce fertile offspring?
 17. Building blocks of a protein?
 21. What does meiosis create?
 22. What breaks down organic wastes and dead organisms to simpler substances?
 30. What consumer is at the top of the food chain?