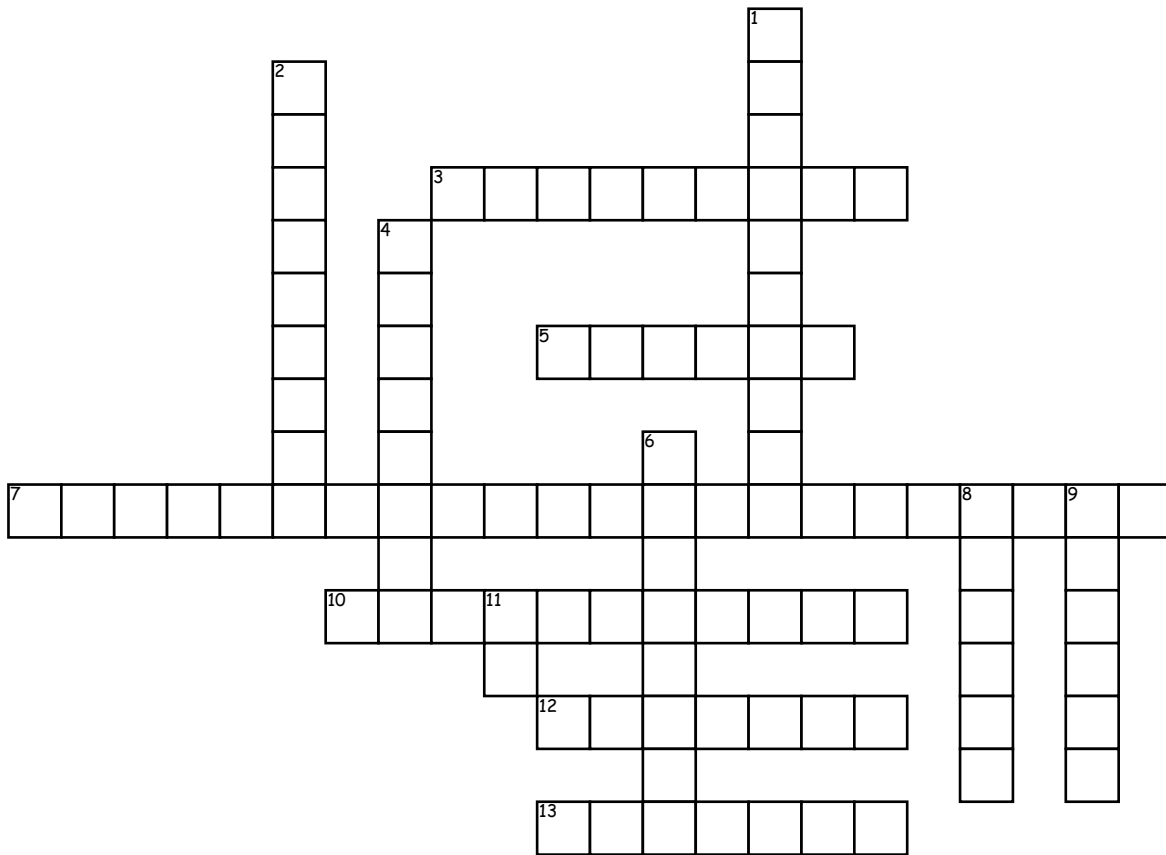


Enzymes



Across

3. The catabolic process in the digestive tract where ingested food is converted into simpler substances

5. water-soluble enzyme catalyzing hydrolysis of lipids

7. intermediate formed when a substrate molecule interacts with the active site of an enzyme

10. degree or intensity of heat present in a substance or object

12. digestive enzyme produced largely by the pancreas and salivary glands that converts starches to sugars

13. Best result obtained

Down

1. specific region of an enzyme where a substrate binds and catalysis takes place

2. An underlying stratum

4. process modifying the molecular structure of a protein

6. Enzymes are soluble protein molecules that can speed up chemical reactions in cells

8. proteolytic enzyme in the gastric juice of birds, reptiles, fish, and mammals that partially digest dietary proteins into simpler, shorter chains of amino acids

9. Biological catalysts

11. figure expressing the acidity or alkalinity of a solution