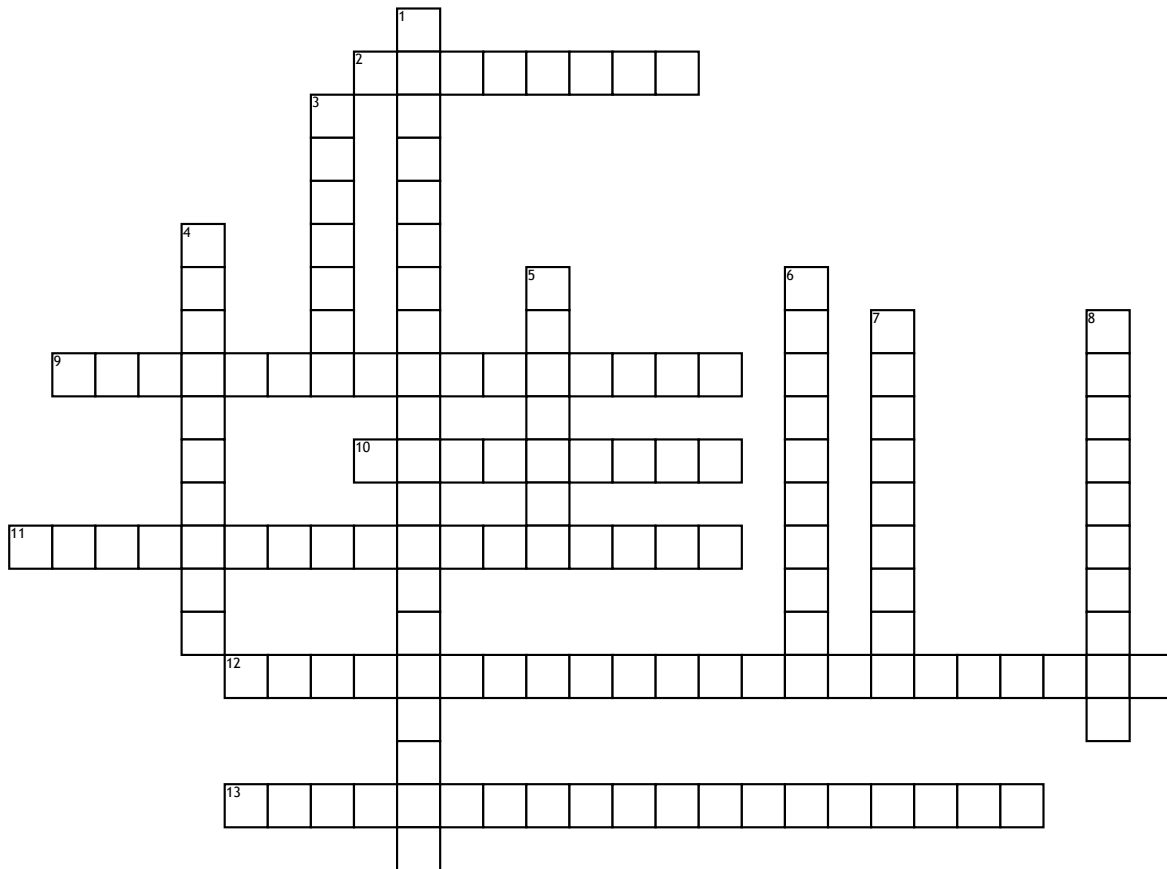


Enzymes key terms



Across

2. a reaction that builds larger, complex products from multiple smaller substrates
9. The energy required to start a reaction. Enzymes lower this.
10. The molecule that fits into the enzyme's active site
11. The 3D shape of the protein (enzyme).
12. When the substrate is bound to the enzyme's active site

13. when the substrate moves into the active site with the right force and orientation we call it a...

Down

1. when the products are still bound to the enzyme's active site
3. the molecule(s) made at the end of the reaction
4. The region of the enzyme where the substrate(s) bind.
5. the type of energy that both the enzyme and substrate molecules move with

6. The enzyme theory where the active site changes shape to more closely fit the substrate

7. a reaction that produces multiple smaller products by breaking down one large substrate.

8. The enzyme theory where the active site is already perfectly specific and complementary to the substrate