

Name: _____

Date: _____

Biology unit 2

Across

3. When the end product inhibits an enzyme that helped create it

8. when the active site changes shape to better fit the substrate

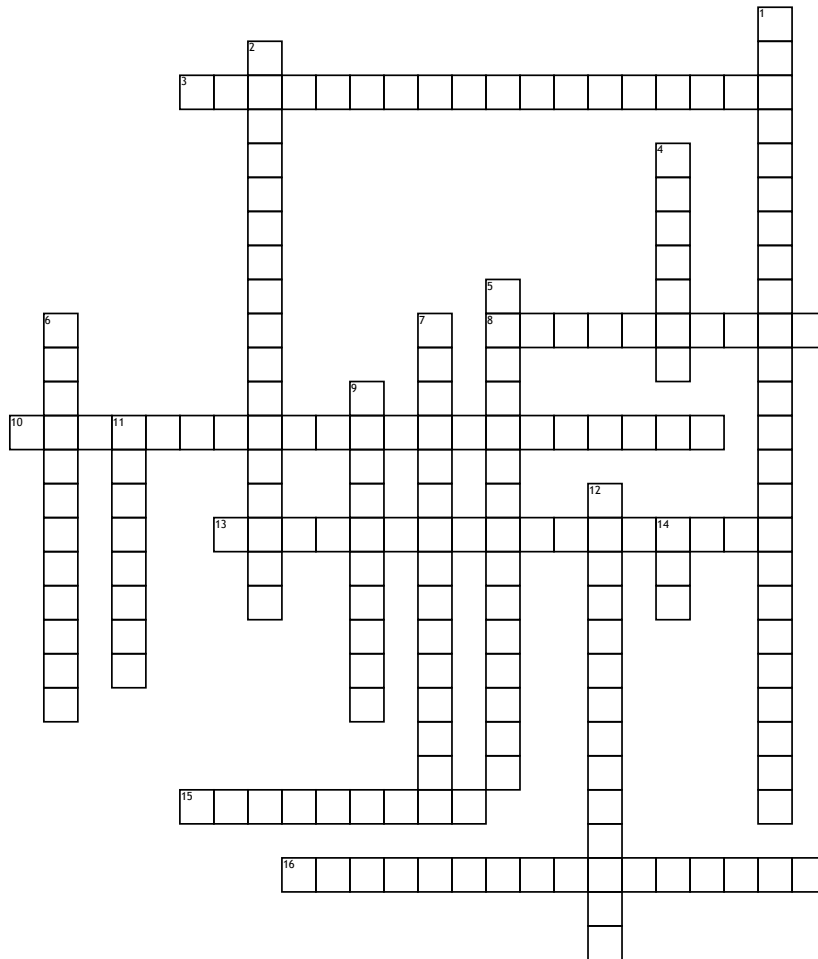
10. binds to the active site preventing the substrate from binding

13. The breakdown of larger molecules to smaller molecules

15. Where glycolysis takes place in the cell

16. The build up of larger molecules to smaller molecules

17. The first stage of respiration



Down

1. binds away from the active site to change the shape of the active site

2. Where enzyme reactions take place

4. Catalyse specific reactions

5. second stage of respiration

6. Where citric acid cycle takes place in the cell

7. allows specific molecules and ions to pass through the membrane

9. All the bio-chemical reactions in the human body

11. Final product of glycolysis

12. Binds to specific molecules temporarily enabling them to cross the membrane

14. net gain in ATP molecules from one glucose during glycolysis

