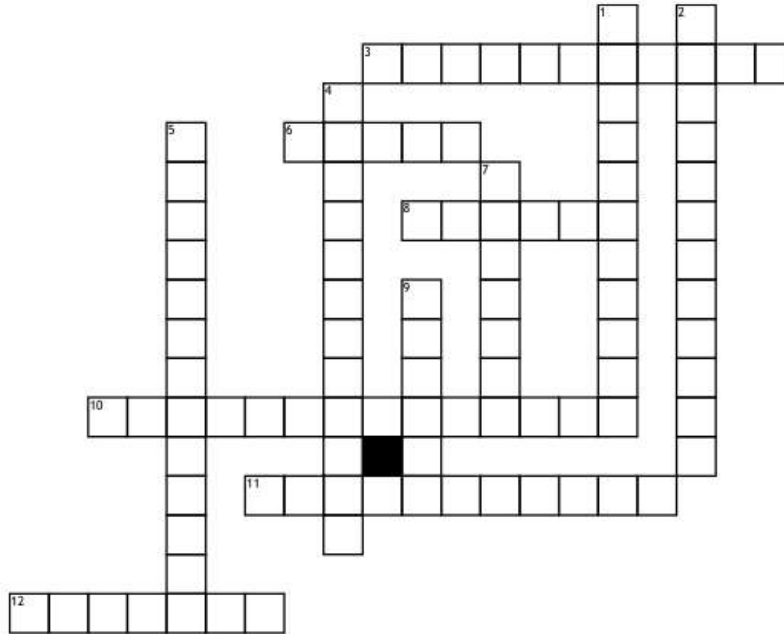


Name: _____ Date: _____ Period: _____

Chromatography



Across

3. What is the name of the process animals use to burn sugar to make energy (ATP) and carbon dioxide?

6. What was the name of the solvent used to extract the pigments from the ink pens?

8. What name is given to the solid that gets pulled up the filter paper?

10. What is the name of the process plants use to make sugar and oxygen?

11. What is the name of the green pigment found in plant leaves?

12. What was the name of the solvent used to extract the pigments out of the leaf?

Down

1. What is the name of the orange pigments found in plants that also harvests energy?

2. What is the name of the organelle found in cells that burns sugar producing ATP?

4. What is the name of the yellow pigments found in leaves, egg yolks, and human blood plasma?

5. What is the name given to the finished product of a chromatography lab?

7. What is the name of the sugar that plants make?

9. What is the name of the type of paper used in chromatography?

Word Bank

glucose

chromatograph

mitochondria

Filter

photosynthesis

carotenoids

alcohol

chlorophyll

solute

respiration

xanthophylls

water