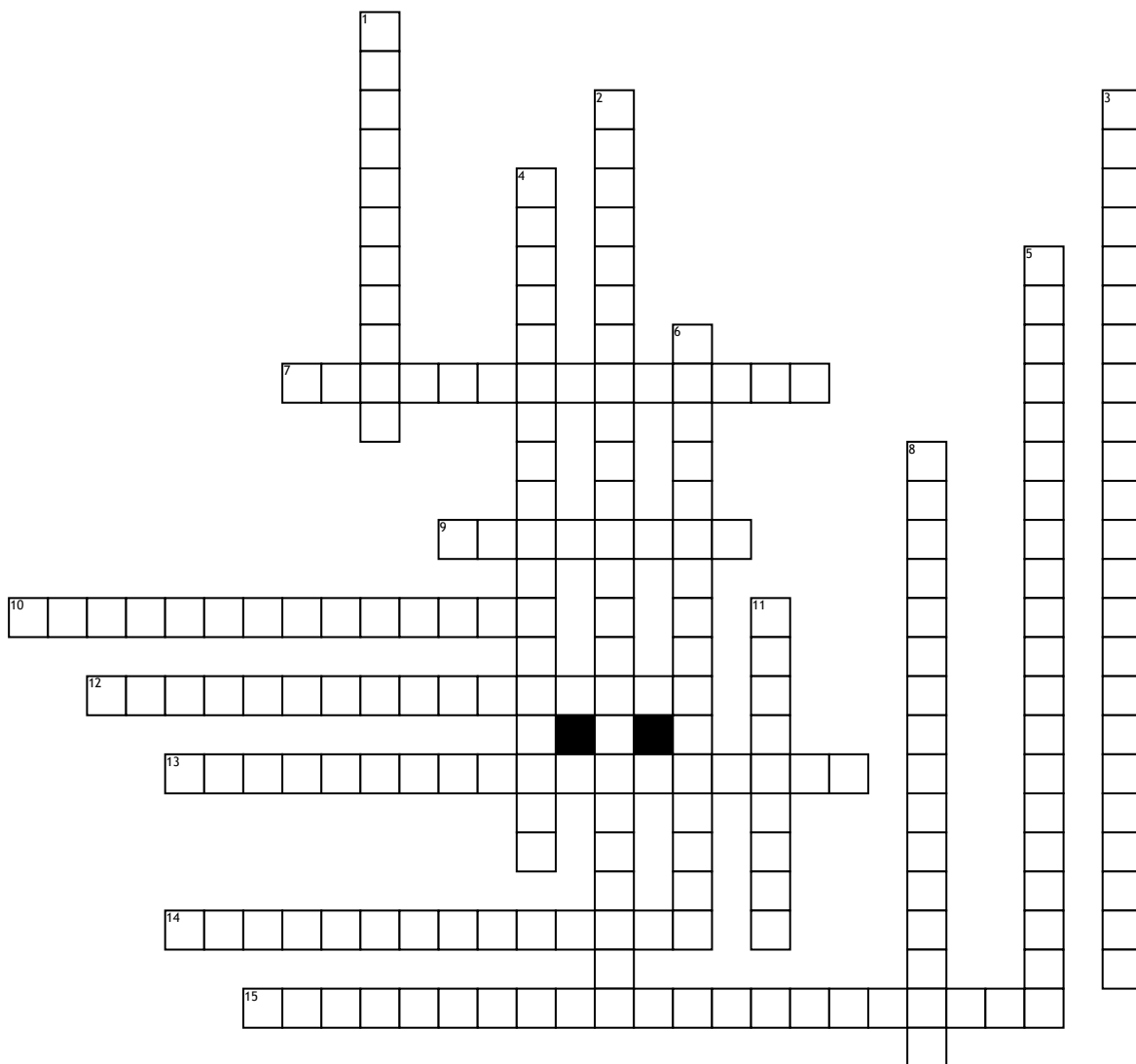


Name: _____

Date: _____

Hydroponics Crossword



Across

7. needed by plants in small quantities; includes boron, copper and iron

9. process of circulating air throughout a substance

10. needed by plants in large quantities; includes nitrogen, potassium and sulfur

12. utilizes aggregate as a support medium for plants; utilizes flooding techniques which reduce water usage and drain afterwards, allowing the roots to aerate

13. aggregate system which utilizes gravity to provide nutrient solutions to plant roots

14. continuous flow system which use PVC pipes to hold plants and provide continuous flow of nutrient solutions

15. hydroponic system with continuous flow of nutrient solutions over the plant roots; are the most common hydroponic system utilized by commercial producers

Down

1. production of plants without a soil medium; utilizes only water, sunlight and nutrients

2. aggregate system which utilizes gravity to provide nutrient solutions to plant roots; manual operation is needed to drain used nutrient solution

3. material used for the support and stability of hydroponic plants; includes sand, gravel, peat moss and sawdust

4. utilizes only nutrient infused water and system structures to produce plants

5. pumps a nutrient solution into aggregate beds from a reservoir most often located below the aggregate bed

6. hydroponic system with containers holding growing roots and watered using misters

8. plants with the feasibility to grow hydroponically

11. most often in the form of sand or gravel