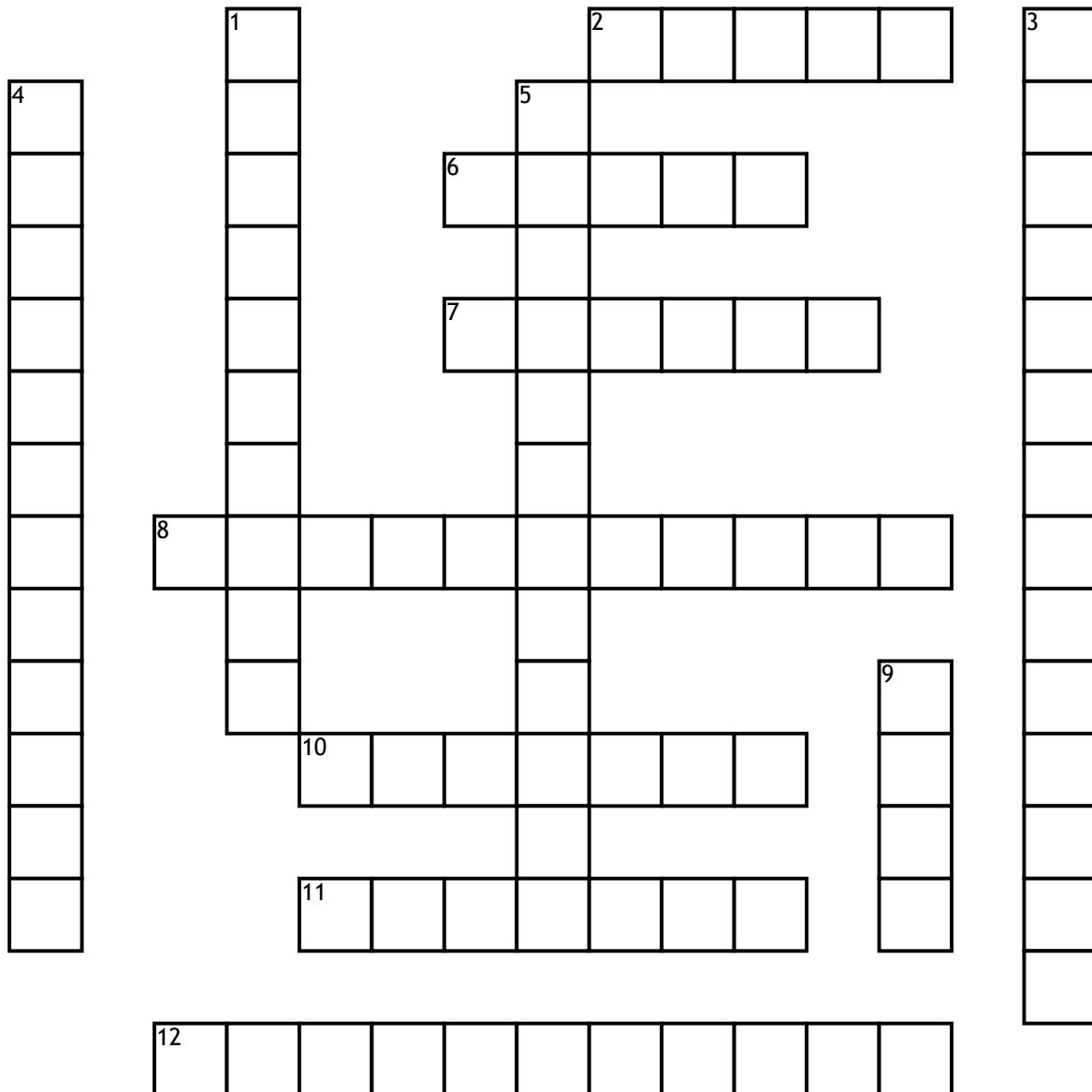


Name: \_\_\_\_\_

# plant hormones



## Across

2. regulates plant growth

6. Part of a plant which grows above the soil

7. a flammable colorless gaseous

8. any of a group of plant hormones that stimulate stem elongation, germination, and flowering.

10. hold in or back

11. chemical substances that act like messenger molecules

12. in which the seed begins to develop into a new young plant.

## Down

1. the growth of the parts of plants in response to the force of gravity.

3. is the lengthening of a cell during the cell differentiation process

4. is a plant's growth response in which the direction of growth is determined by a stimulus or gradient in water concentration.

5. growth of an organism in response to a light stimulus

9. the part of a plant that grows downward and holds the plant in place