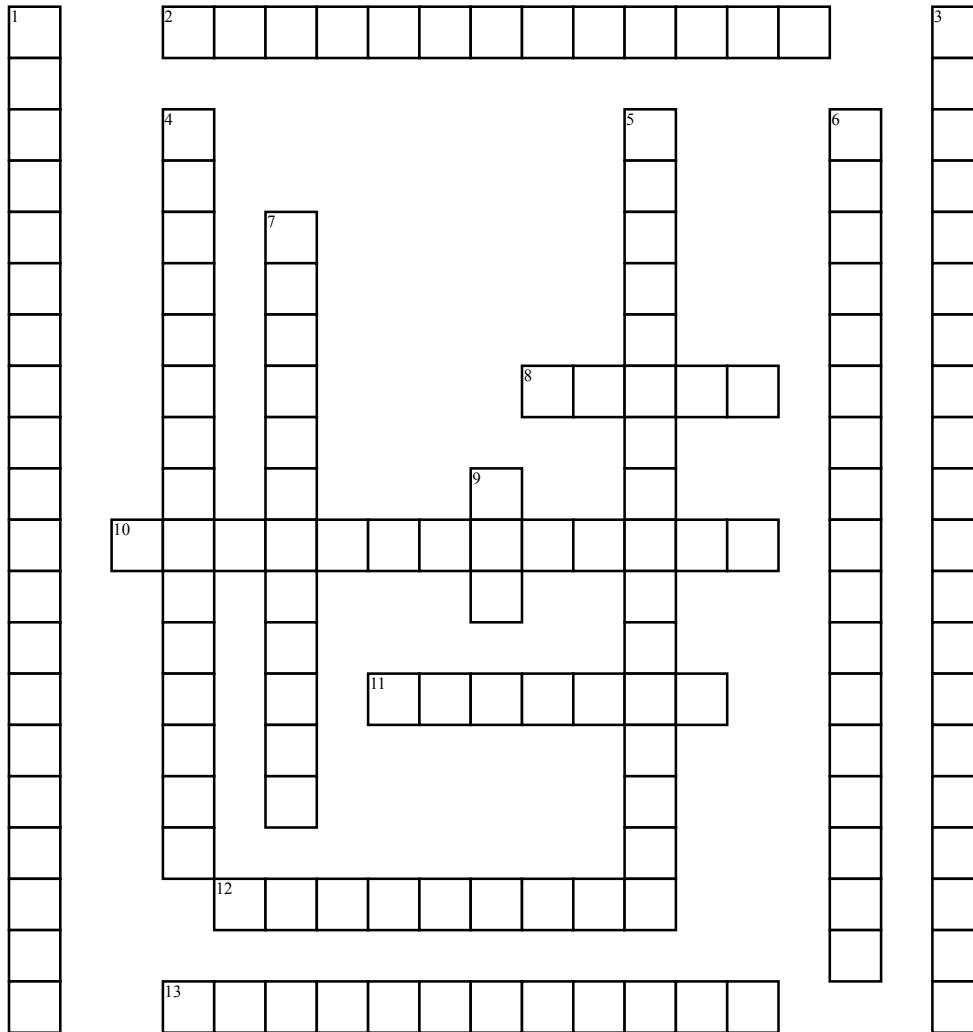


# Chapter 2: The Nature of Remote Sensing



**Across**

- 2. the scanning of the earth by satellite or aircraft in order to gain information about it
- 8. a remote sensing technology which uses the pulse from a laser to collect measurements
- 10. it measures reflected sunlight emitted from the sun
- 11. aerial perspective

12. emits energy and senses \_\_\_\_\_ that is reflected back from the earth's surface or other target

13. well suited for board-based analysis

**Down**

- 1. gains information during harvest
- 3. a different way to view climate and weather study

4. reflected sunlight is the most common source of \_\_\_\_\_ energy that is measured by this sensor

5. distance on the ground between objects

6. the taking of photographs from an aircraft or other flying objects

7. it has its own source of light or illumination

9. this measures the square cells height and width

**Word Bank**

- |                        |                    |                       |                   |
|------------------------|--------------------|-----------------------|-------------------|
| remote sensing imagery | remote sensing     | precision agriculture | ground resolution |
| natural color          | electromagnetic    | active sensor         | gsd               |
| radiation              | aerial photography | passive sensor        | oblique           |
| lidar                  |                    |                       |                   |