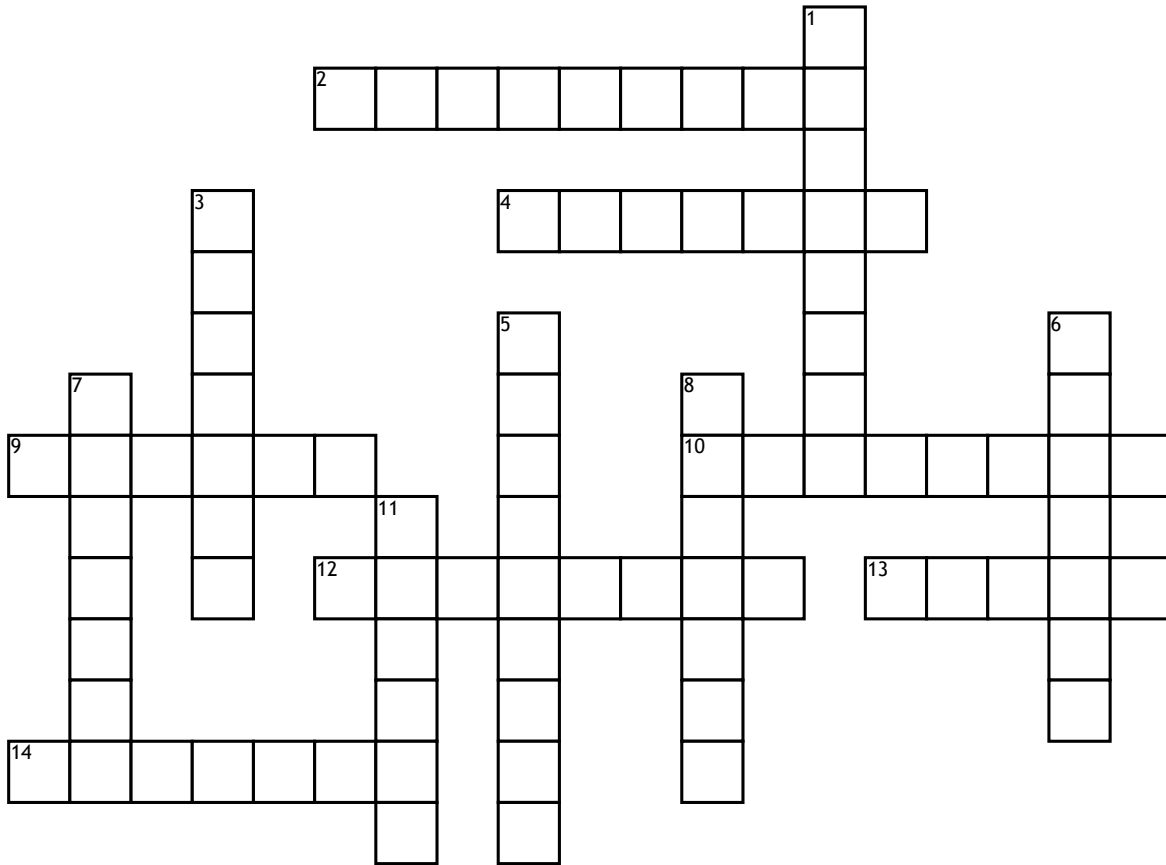


# GIS



## Across

2. The East/West component of a location on the surface of the Earth

4. A map containing geographic features that is used for reference. Roads, for example, are commonly found on base maps

9. Data type comprised of x-y coordinate representations of locations on the earth that take the form of single points, strings of points (lines or arcs) or closed lines (polygons) known as features

10. The process of identifying a question or issue to be addressed, modeling the issue, investigating model results, interpreting the results, and possibly making a recommendation.

12. The north/south component of a location on the surface of an ellipsoid

13. A set of parameters and control points used to accurately define the three-dimensional shape of the Earth

14. The process of identifying the coordinates of a location given its address

## Down

1. Data about the content, quality, condition, and other characteristics of data

3. The parallel of reference 0 North or South

5. A characteristic of a feature in a Geographic Information System (GIS)

6. The horizontal direction of a vector, measured clockwise in degrees of rotation from the positive y-axis, for example, degrees on a compass

7. In a GIS, a physical object or location of an event. Features can be points (a tree or a traffic accident), lines (a road or river), or areas (a forest or a parking lot)

8. A series of satellites that produce images of the Earth

11. A cellular data structure composed of rows and columns for storing images