

Name _____ Period _____ Logic and Computation

Homework: Definition by Genus and Difference

Directions: For each definition, draw a rectangle around the defined term, circle its genus, and underline the differentia.

1. In mathematics, a plane is any infinite surface with no curvature.

2. A citizen of the United States is a person who was born in the territory of the country or has been naturalized by the government.

3. Any spherical celestial body orbiting a star that can clear its neighboring region of debris may be called a planet, according to the IAU.

4. Premises are the propositions that are given in support of a conclusion in an argument.

5. Since ancient times logic has classified and studied fallacies, which are invalid and misleading arguments.

6. In Java, an object is a complex piece of data that is constructed from a class.

Directions: Write your own definition of each term by genus and difference. Circle the genus and underline the differentia in your definition. Don't look these up in a dictionary—think for yourself.

7. **Gold:**

8. **Frisbee:**

9. **Sandwich:**