Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_

**GIS and GPS in Transportation, Distribution, and Logistics**

**Student Note Sheet**

Answer the following questions using the PowerPoint presentation.

1. GPS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. What organization developed GPS?

3. How many satellites are in the network?

4. What is the calculation used to identify a geographic location called?

5. How many satellites are needed to effectively identify a location?

6. List 5 errors that could potentially influence accuracy when using GPS?



7. GIS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. List the 5 components of GIS.



9. What is a layer?

10. List 3 ways GIS can be implemented in Transportation, Distribution, and Logistics.