

Printing a Digital Map

Functionality of Geographic Information Systems (GIS) are endless. We can analyze large amount of spatially related data to answer our questions, or simply print out colorful maps to communicate our finding to the others.

Helper's Guide

How to Prepare

Get familiarized with ArcMap software and conduct this exercise ahead of time in order to help explorers. Encourage them to try different options when creating their maps or conducting data analysis.

Answers to Learning by Doing Exercises

2. There are 22 airports in Lancaster county, NE.
3. The cities with the highest populations are Omaha and Lincoln.

Need to Emphasize

- Spatial data analysis is the main advantage of GIS versus paper maps.
- Many elements of digital maps have information that corresponds to attribute tables that can help answer different questions.
- Like paper maps, digital maps should contain all the basic map elements.

Related Links

- http://webhelp.esri.com/arcgisdesktop/9.2/pdf/ArcMap_Tutorial.pdf
- Designing better maps-A guide for GIS users by Cynthia A Brewer.(ESRI Press)

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