

Started on Saturday, January 28, 2023, 8:49 PM

State Finished

Completed on Saturday, January 28, 2023, 9:22 PM

Time taken 33 mins 5 secs

Points 13/15

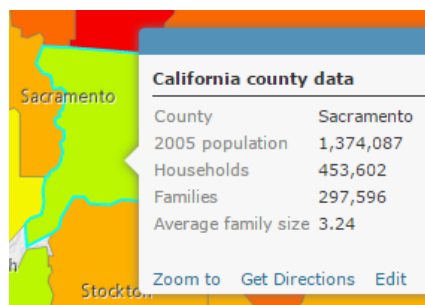
Grade 87 out of 100

Question 1

Correct

1 points out of 1

Which GIS concept does the graphic illustrate?



Select one:

- ☐ a. In a pop-up window, each row is associated with a different geographic feature.
- ☒ b. In a GIS, features and attributes are connected. ✓ Correct
- ☐ c. In a thematic map, a legend explains what the symbols mean.
- ☐ d. In a GIS, you must view attributes one feature at a time.

The correct answer is: In a GIS, features and attributes are connected.

Question 2

Correct

1 points out of 1

Given the attribute table pictured, how many cities would you expect to see highlighted in the map?

Major cities (606 features, 2 selected)		
NAME	COUNTRY	Population
Kochi	India	685,836
Kolkata	India	11,100,000
Koln	Germany	1,760,000
Kotlas	Russia	69,000
Kowloon	UK	774,781

Select one:

- ☐ a. 3
- ☒ b. 2 ✓ Correct
- ☐ c. 606
- ☐ d. 5

The correct answer is: 2

Question 3

Correct

1 points out of 1

A piece of information that identifies what a feature is, describes the feature, or represents some magnitude associated with the feature.

Select one:

- ☒ a. Attribute ✓
- ☐ b. Description
- ☐ c. Table
- ☐ d. Field
- ☐ e. Number

Your answer is correct.

The correct answer is: Attribute

Question 4

Correct

1 points out of 1

Which of the following are examples of an attribute value you might find for a city?

Select one or more:

- ☒ a. Population ✓
- ☐ b. Condition
- ☒ c. Name ✓
- ☐ d. Rate
- ☐ e. Color

Your answer is correct.

The correct answers are: Name, Population

Question 5

Correct

1 points out of 1

What does the graphic below represent?

Name	Population 2010	Nickname
Chicago	2,695,598	Windy City
New York	8,175,133	Big Apple
Los Angeles	3,792,621	City of Angels

Select one:

- ☐ a. Data source
- ☐ b. Record
- ☐ c. Field
- ☒ d. Attribute table ✓ Correct

The correct answer is: Attribute table

Question 6

Correct

1 points out of 1

The following graphic highlights what part of an attribute table (in red)?

Name	Population 2010	Nickname
Chicago	2,695,598	Windy City
New York	8,175,133	Big Apple
Los Angeles	3,792,621	City of Angels

Select one:

- ☒ a. Attribute value ✓ Correct
- ☐ b. Table
- ☐ c. Row
- ☐ d. Field name

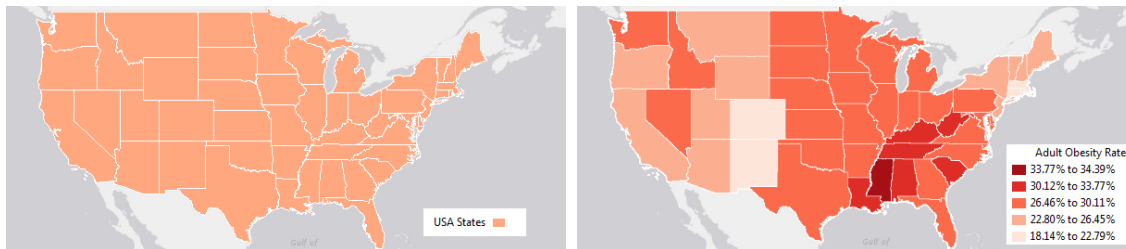
The correct answer is: Attribute value

Question 7

Correct

1 points out of 1

Compare the two maps pictured. Which answer best explains why the maps appear differently?



Select one:

- ☐ a. Different features are mapped.
- ☐ b. The maps are styled with different symbols.
- ☒ c. Different attributes are mapped. ✓ Correct
- ☐ d. The maps use different basemaps.

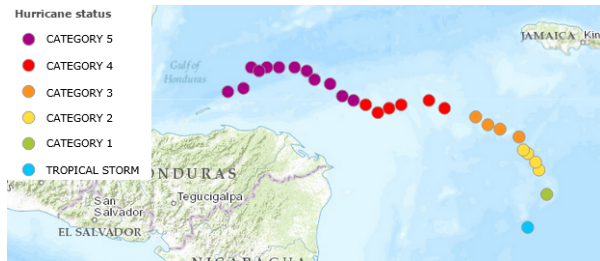
The correct answer is: Different attributes are mapped.

Question 8

Incorrect

0 points out of 1

According to the "after" map below, the hurricane was at Category 4 strength for how many hours?



This map tracks also tracks a hurricane's path by showing the position of the hurricane's eye **every three hours**. It also uses attribute information to symbolize the category, or strength, of the storm.

Select one:

- ☒ a. 12 hours ✗ Incorrect
- ☐ b. 6 hours
- ☐ c. 21 hours
- ☐ d. 18 hours

The correct answer is: 18 hours

Question 9

Correct

1 points out of 1

In ArcGIS Online, what can you do to organize the maps that you save in Content?

Select one:

- ☐ a. Use more than one account
- ☒ b. Create a folder ✓ Correct
- ☐ c. Search only within your ArcGIS Online organization
- ☐ d. Add a tag to a map

The correct answer is: Create a folder

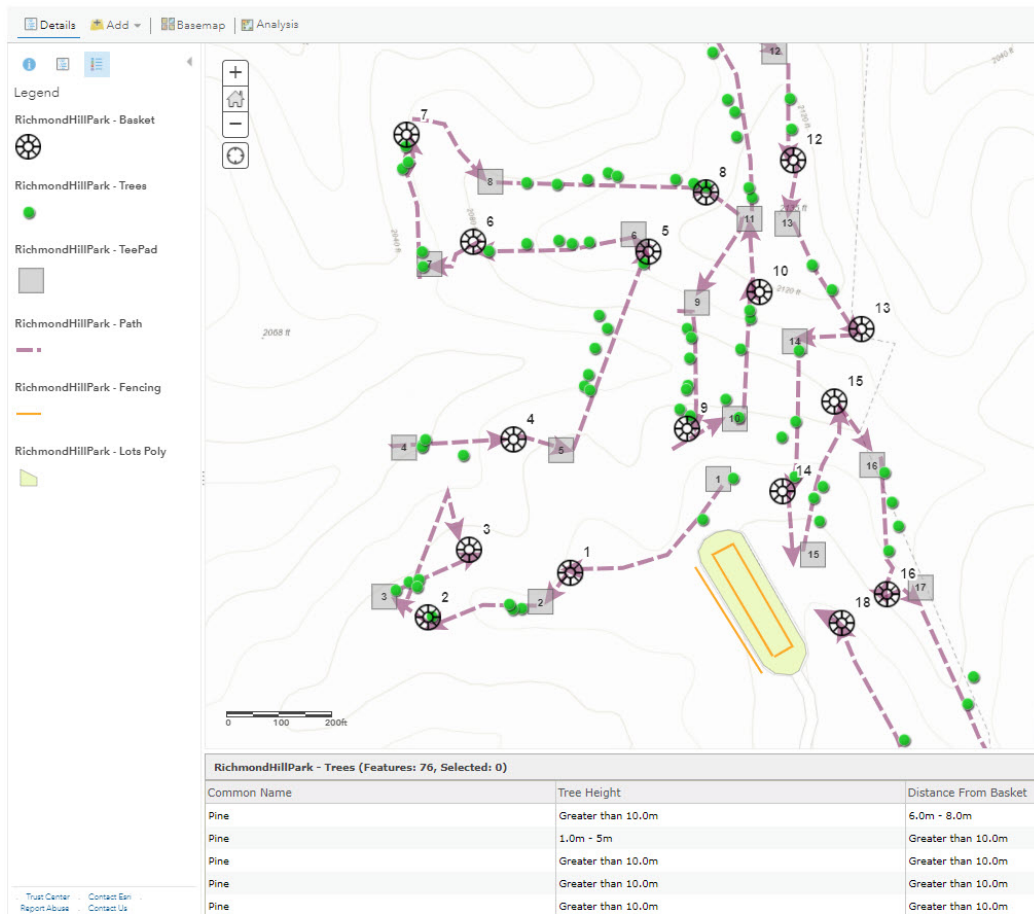
Question 10

Correct

1 points out of 1

Using the graphic below, how many trees (features) are in the RichmondHillPark-Trees layer?

Home ▾ Richmond Hill 



Select one:

- ☐ a. 706
- ☐ b. 0
- ☒ c. 76 ✓
- ☐ d. 22

Your answer is correct.

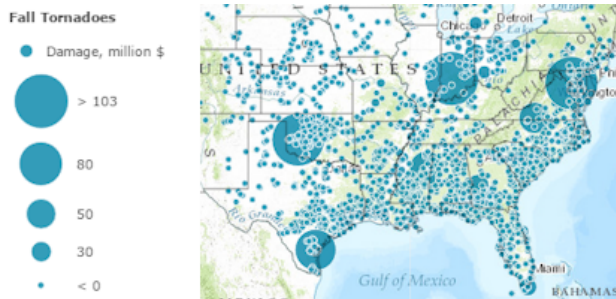
The correct answer is: 76

Question 11

Correct

1 points out of 1

The map shows where tornadoes have occurred during the fall in part of the United States. Which statements best describe the pattern revealed by the map? (Choose **two**.)



Select one or more:

- ☒ a. Only a few tornadoes cost more than \$100 million, and they can happen almost anywhere that tornadoes occur. ✓
- ☐ b. Most tornadoes cause more than \$50 million in damage.
- ☒ c. In the fall, the southeastern states experience the most tornadoes but not the most damaging ones. ✓
- ☐ d. Tornadoes cause more damage in the fall than in the summer in the United States because they happen in every state.
- ☐ e. In the fall, the most damaging tornadoes occur near the sea coast, especially in Florida.

The correct answers are: In the fall, the southeastern states experience the most tornadoes but not the most damaging ones., Only a few tornadoes cost more than \$100 million, and they can happen almost anywhere that tornadoes occur.

Question 12

Correct

1 points out of 1

A map that conveys information about a single topic or theme.

Select one:

- ☐ a. Interactive map
- ☐ b. Layer map
- ☐ c. Web map
- ☒ d. Thematic map ✓
- ☐ e. GIS map

Your answer is correct.

The correct answer is: Thematic map

Question 13

Correct

1 points out of 1

What is an attribute table?

Select one:

- ☐ a. A table containing information about a map.
- ☐ b. A picture that is organized in rows and columns
- ☒ c. A table containing information about a set of features ✓ Correct
- ☐ d. A layer containing information about furniture.

The correct answer is: A table containing information about a set of features

Question 14

Incorrect

0 points out of 1

Attribute tables have a superficial similarity to spreadsheets but do not support formatting the look of the actual data values (changing text or cell colors, text size, bold, etc ...) like most spreadsheet programs.

Select one:

- ☐ True
- ☒ False ✗

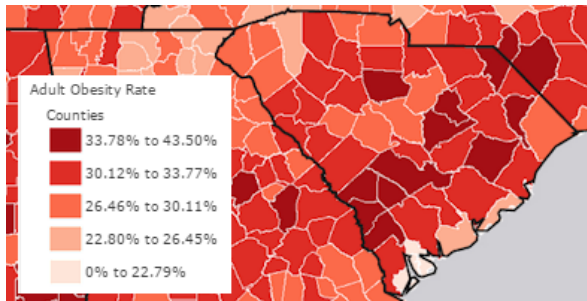
The correct answer is 'True'.

Question 15

Correct

1 points out of 1

The following graphic of counties that represent adult obesity rates is an example of a thematic map.



Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.