

## Feedback — Lesson 1 Quiz

[Help](#)

You submitted this quiz on **Mon 12 May 2014 8:55 PM PDT**. You got a score of **14.52** out of **17.00**. You can [attempt again](#), if you'd like.

### Question 1

The Geospatial Revolution involves major transformations in the way we do these things:

Your Answer		Score	Explanation
<input type="checkbox"/> How boundaries are drawn	✓	0.12	
<input checked="" type="checkbox"/> How we make decisions	✓	0.12	
<input type="checkbox"/> How we select condiments	✓	0.12	
<input checked="" type="checkbox"/> How we share stories	✓	0.12	
<input type="checkbox"/> How we design globes	✓	0.12	
<input checked="" type="checkbox"/> How we navigate	✓	0.12	
<input type="checkbox"/> How we analyze numbers	✓	0.12	
<input type="checkbox"/> How we print maps	✓	0.12	
Total		1.00 / 1.00	

### Question 2

The acronym GIS stands for:

Your Answer	Score	Explanation
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☐ Geolocated Identity Service

☐ Geographic Information Software

☐ Geographic Information Service

☒ Geographic Information System ✓ 1.00

☐ Geographic Intelligence Science

☐ Geospatial Intelligence Studies

Total 1.00 / 1.00

## Question 3

Geotagging is a:

Your Answer	Score	Explanation
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☐ Method for analyzing geospatial data using digital maps

☐ Technique that monitors movement of the Earth's crust

☐ New way of improving the accuracy of GPS data

☒ Form of geocoding, which allows location information to be assigned to data ✓ 1.00

☐ System for showing locations in a data table

Total 1.00 / 1.00

## Question 4

The acronym GPS stands for:

Your Answer	Score	Explanation
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☐ Geospatial Positioning System

☐ Global Popcorn Studies

☐ Geographic Positioning Science

☒ Global Positioning System ✓ 1.00

☐ Global Navigational Satellite System

Total 1.00 / 1.00

## Question 5

Locations relevant to a particular Tweet could include:

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> The locations mentioned in the message itself	<span style="color: green;">✓</span> 0.12	
<input type="checkbox"/> The location of the user's phone charger	<span style="color: green;">✓</span> 0.12	
<input checked="" type="checkbox"/> The location of the nearest grocery store	<span style="color: red;">✗</span> 0.00	
<input type="checkbox"/> The user's home location	<span style="color: red;">✗</span> 0.00	
<input type="checkbox"/> The location of the geospatial data provider	<span style="color: green;">✓</span> 0.12	
<input type="checkbox"/> The locations implied by the user's name	<span style="color: green;">✓</span> 0.12	
<input checked="" type="checkbox"/> The user's location when they created the message	<span style="color: green;">✓</span> 0.12	
<input type="checkbox"/> The locations implied by the message	<span style="color: red;">✗</span> 0.00	
Total	0.62 / 1.00	

## Question 6

Geographic locations can include:

Your Answer	Score	Explanation
<input type="checkbox"/> Only the physical features of the Earth	✓ 0.14	
<input type="checkbox"/> Ill-defined regions like neighborhoods	✗ 0.00	
<input checked="" type="checkbox"/> Well-defined regions with clear boundaries like countries, states, and counties	✓ 0.14	
<input checked="" type="checkbox"/> Natural areas like watersheds and mountain ranges	✓ 0.14	
<input type="checkbox"/> Only the objects on Earth created by people	✓ 0.14	
<input type="checkbox"/> Up to ten descriptive variables	✓ 0.14	
<input type="checkbox"/> Only the places that can be printed on a map	✓ 0.14	
Total	0.86 / 1.00	

## Question 7

The definition most commonly used for Geography is:

Your Answer	Score	Explanation
<input type="radio"/> The Science of Mapping		
<input type="radio"/> The Science of Spatial Thinking		
<input type="radio"/> The Art and Science of Designing Landscapes		
<input checked="" type="radio"/> The Science of Place and Space	✓ 1.00	
Total	1.00 / 1.00	

## Question 8

The term Geospatial refers to:

**Your Answer****Score****Explanation**☐ Maps that can be used on handheld devices☐ The use of mapping to predict the weather☒ Data and technologies that allow one to explore geographic problems

✓ 1.00

☐ Maps that combine the Earth and Space☐ Printed maps for educating children☐ Source descriptions for geographic data

Total

1.00 /

1.00

## Question 9

The major types of maps are:

**Your Answer****Score****Explanation**☐ Socioeconomic Maps

✓

0.14

☒ Geospatial Maps

✗

0.00

☒ Digital Maps

✗

0.00

☒ Environmental Maps

✗

0.00

☒ Paper Maps

✗

0.00

☐ Thematic Maps

✗

0.00

☒ Reference Maps

✓

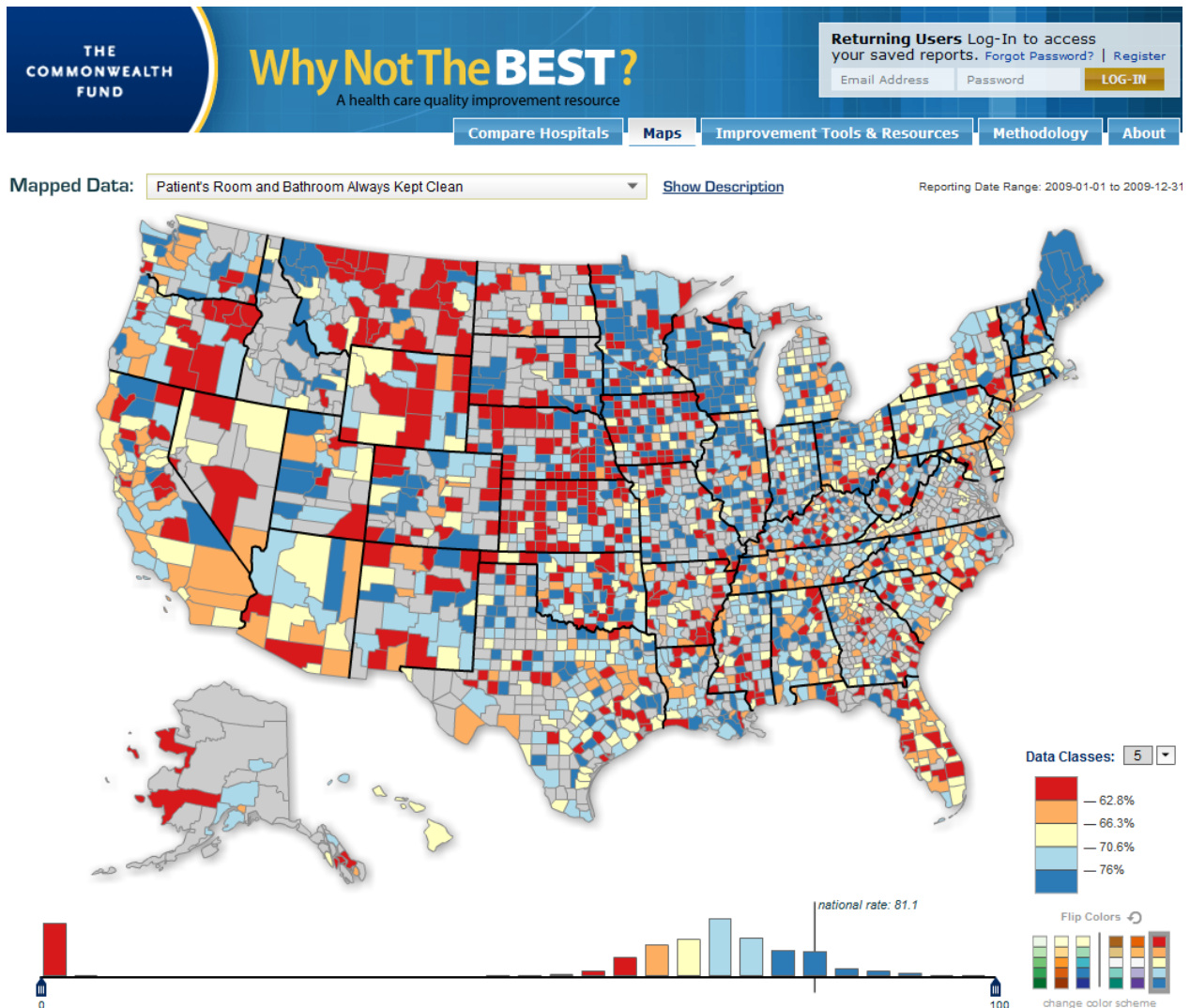
0.14

Total

0.29 / 1.00

## Question 10

This map is an example of a \_\_\_\_\_ map:



Your Answer

Score

Explanation

☐ Physical Geographic Map

☐ GIS Map

☐ Reference Map

☐ Digital Map

☐ Thematic Map

☒ Geospatial Map

✗

0.00

Total

0.00 / 1.00

## Question 11

The grid system we use to locate things on the Earth uses standard lines of:

Your Answer	Score	Explanation
<input type="radio"/> Range and Focus		
<input type="radio"/> North and South		
<input checked="" type="radio"/> Latitude and Longitude	✓ 1.00	
<input type="radio"/> East and West		
<input type="radio"/> Small Scale and Large Scale		
<input type="radio"/> Geospatial locations		
Total	1.00 / 1.00	

## Question 12

The Prime Meridian runs through:

Your Answer	Score	Explanation
<input checked="" type="radio"/> Greenwich, England	✓ 1.00	
<input type="radio"/> Greenville, North Carolina		
<input type="radio"/> Shinjuku Train Station, Tokyo		
<input type="radio"/> London, Ontario		
<input type="radio"/> Ingolstadt, Germany		
Total	1.00 / 1.00	

## Question 13

The process of transforming points on a 3D surface to a 2D map is called:

Your Answer	Score	Explanation
<input type="radio"/> Geocoding		
<input checked="" type="radio"/> Map Projection	✓ 1.00	
<input type="radio"/> Geospatial Processing		
<input type="radio"/> Cartographic Symbology		
<input type="radio"/> GIS Mapping		
Total	1.00 / 1.00	

## Question 14

Mathematical transformations from the 3D Earth to a 2D map can preserve the following properties:

Your Answer	Score	Explanation
<input type="checkbox"/> Population Data	✓ 0.12	
<input checked="" type="checkbox"/> Area	✓ 0.12	
<input type="checkbox"/> Cultural Regions	✓ 0.12	
<input checked="" type="checkbox"/> Distance	✓ 0.12	
<input checked="" type="checkbox"/> Shape	✓ 0.12	
<input checked="" type="checkbox"/> Direction	✓ 0.12	
<input checked="" type="checkbox"/> Topography	✗ 0.00	
<input checked="" type="checkbox"/> Landscapes	✗ 0.00	
Total	0.75 / 1.00	



## Question 15

Countries with a \_\_\_\_\_ population growth rate typically have a \_\_\_\_\_ percentage of working age population.

Your Answer	Score	Explanation
<input checked="" type="radio"/> Higher, Lower	✓ 1.00	
<input type="radio"/> Lower, Lower		
<input type="radio"/> Higher, Stable		
<input type="radio"/> Stable, Lower		
Total	1.00 / 1.00	

## Question 16

The Web Mercator projection:

Your Answer	Score	Explanation
<input type="radio"/> Enables the map to be maximally useful on the Internet		
<input checked="" type="radio"/> Causes areas close to the North/South poles to be greatly exaggerated in size	✓ 1.00	
<input type="radio"/> Causes areas around the Equator to be exaggerated in size		
<input type="radio"/> Ensures that area measurements are consistent across the map		
<input type="radio"/> Provides significant advantages over projections not designed for the Web		
Total	1.00 / 1.00	

## Question 17

Tapestry segments are:

Your Answer	Score	Explanation
<input type="radio"/> Beautiful wall hangings in convenient sizes for use in home interiors		
<input type="radio"/> Created by the U.S. Census Bureau and shared with the public		
<input type="radio"/> Used to choose appropriate map projections based on geospatial data content		
<input checked="" type="radio"/> Created to describe lifestyles of residents in order to support business marketing efforts	✓ 1.00	
<input type="radio"/> Developed to help local governments conduct community planning activities		
Total	1.00 / 1.00	