

Question 3

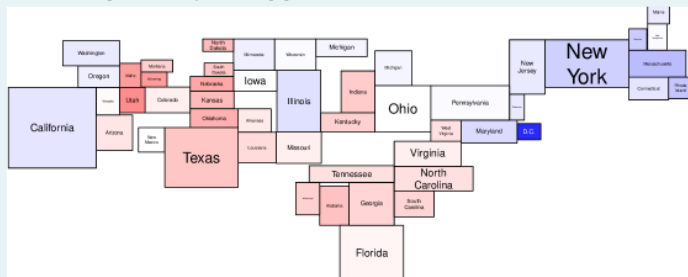
Correct

Mark 2.00 out of 2.00

Flag question

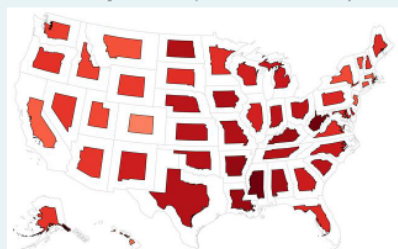
There are different topology geographical representations, besides the traditional cartogram. Associate the following idioms with their description.

Distorts the area according to the data under representation, using a grid to draw the areas.



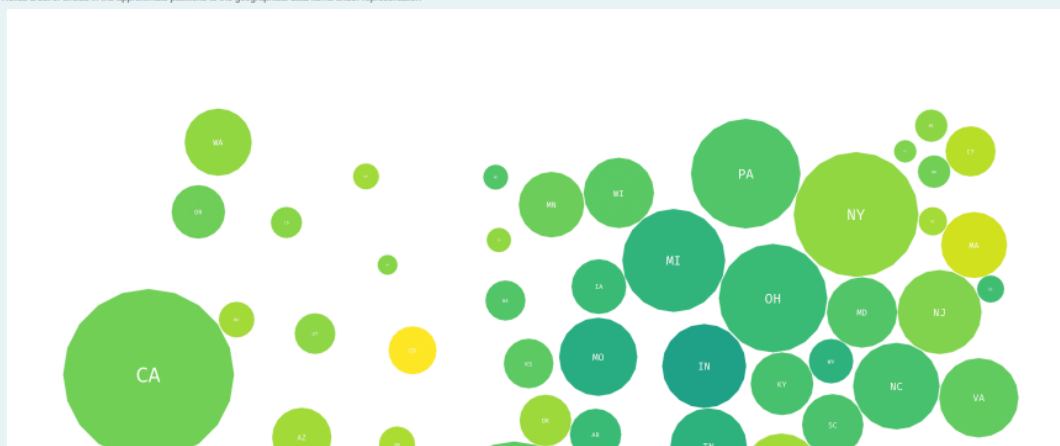
Rectangular Cartogram ✓

Distorts the area according to the data under representation with a visual discontinuity between the items, while maintaining the original spatial organization



Non-contiguous cartogram ✓

Relies a set of circles in the approximate positions to the geographical data items under representation



Circular cartogram ✓

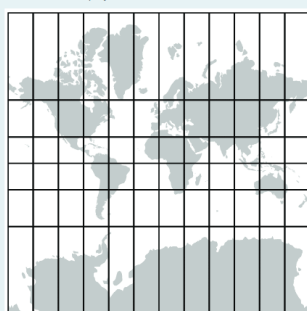
Question 2

Correct

Mark 2.00 out of 2.00

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This is a mercator projection:



Select one:

☒ True ✓

☐ False

Question 8
Correct
Mark 2.00 out of 2.00
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Point maps...

- ☐ a. Show items of interest as points in a map and work better when more than 7 colors are used to represent different categories in the same map
- ☐ b. Show distribution of items over time
- ☒ c. Show items of interest as points in a map, relying on density for drawing the user's attention. ✓
- ☐ d. Are maps in which data items are represented as points - and when we're talk about points we exclude other shapes such as squares or even other idioms used in tandem.

Your answer is correct.

Question 6
Correct
Mark 2.00 out of 2.00
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Bundles are a great mechanism...

- ☐ a. For grouping adjacent areas in geographical representations
- ☒ b. To enhance the interpretation of path-based representations as an alternative to path density ✓
- ☐ c. As an alternative to binning in dot maps
- ☐ d. To integrate in choropleths, enhancing their effectiveness

Your answer is correct.

Question 7
Correct
Mark 2.00 out of 2.00
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Do dot maps have scalability issues that may prevent them from being appropriate for huge datasets?

- ☒ a. Yes, but there are solutions such as relying on derived measures, clustering and binning. ✓
- ☐ b. Not really, no.
- ☐ c. Yes, so they should be avoided altogether.
- ☐ d. Yes, but there are solutions such as converting them to treemaps or node-link diagrams.

Your answer is correct.

Question 1
Correct
Mark 2.00 out of 2.00
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The mercator projection

- ☒ a. Preserves the form, making the poles look larger than they actually are. ✓
- ☐ b. Is the same as the Lambert Cylindrical projection.
- ☐ c. Is very rarely used
- ☐ d. Preserves the area

Your answer is correct.

Question 4
Correct
Mark 2.00 out of 2.00
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Match the type of projection with its description.

Conform	<input type="text" value="Preserves shape"/>	✓
Azimuthal	<input type="text" value="Preserves direction from a i"/>	✓
Equal-area	<input type="text" value="Preserves area"/>	✓

Your answer is correct.