

Rubric: Distance and Midpoint Road Trip Project

You are planning a trip across the US and must travel through at least 10 states. The trip takes place over 5 days and you must stop for food and gas at the midpoint each day. Find the distance traveled each day, the midpoint for your stop, and the total distance of your trip.

Distance/Midpoint Travel Project				
	Poor 6 pts	Fair 7 pts	Good 9 pts	Excellent 10 pts
Map: Diagrams/Sketches	Poor	Fair	Good	Excellent
	Diagrams and/or sketches are difficult to understand or are not used. Few segments and ordered pairs are clearly labeled for each day's start, pit stop, and endpoint. Many elements are missing.	Diagrams and/or sketches are somewhat difficult to understand. Some segments and ordered pairs are labeled for each day's start, pit stop, and endpoint. Some elements are missing.	Diagrams and/or sketches are clear and easy to understand. Most segments and ordered pairs are clearly labeled for each day's start, pit stop, and endpoint.	Diagrams and/or sketches are clear and greatly add to the reader's understanding of the procedure(s). All segments and ordered pairs are clearly labeled for each day's start, pit stop, and endpoint.
Distance Formula	Poor	Fair	Good	Excellent
	The distance between start points and endpoints are not correctly calculated, the formula is not written and work is not shown. The straight line distance from start to finish is missing.	The distance between some start points and endpoints are correctly calculated, with the formula written and work shown. The straight line distance from start to finish (or other important elements) is missing.	The distance between most start points and endpoints are correctly calculated, with the formula written and work shown. The straight line distance from start to finish is correctly calculated with all work shown.	The distance between all start points and endpoints are correctly calculated, with the formula written and all work shown. The straight line distance from start to finish is correctly calculated with all work shown.
Midpoint	Poor	Fair	Good	Excellent
	The midpoint for each day's segment is missing.	The midpoint for each day's segment is not correctly calculated or one or more days is missing.	The midpoint for each day's segment is correctly calculated.	The midpoint for each day's segment is correctly calculated with the formula written and all work shown.
Product Neatness, Organization, Creativity	Poor	Fair	Good	Excellent
	The final product is incomplete. The work appears sloppy and unorganized. It is hard to know what information goes together.	The final product is complete, but lacks creativity OR some requirements are missing from the final product. The work is presented in an organized fashion but may be hard to read at times.	The final product is complete and creative and meets most requirements of the project. The work is presented in a neat and organized fashion that is usually easy to read.	The final product is complete, creative, and aesthetically pleasing while meeting all requirements of the project. The work is presented in a neat, clear, organized fashion that is easy to read.
Summary Include your reason for choosing your destinations.	Poor	Fair	Good	Excellent
	The explanation is difficult to understand and is missing several components OR the summary is not included.	The summary does not meet minimum length requirements. The summary contains many writing errors (spelling, grammar, sentence structure and punctuation). The explanation is a little difficult to understand.	At least 3-4 sentences are present. The summary is mostly creative, clearly understood, and contains few writing errors (spelling, grammar, sentence structure and punctuation). The explanation is clear.	At least 3-4 sentences are included in the summary. The summary is creative, clearly understood, and displays good writing skills (spelling, grammar, sentence structure and punctuation). The explanation is detailed and clear.

Comments:

