



THE **OUTSIDE** IS IN US ALL.

The Greatest Divide

Assessment form for November/December 2019 “The Greatest Divide: How the Continental Divide shapes Montana’s weather, landscape, economy, and culture.” (CCRA.R.10)

1. Who is the author of the article?
 - Margaret McDonald
 - Cromwell Dixon
 - Eric Heidle
 - James Monroe
2. In what year did the first successful flight over the Continental Divide occur?
 - 1803
 - 1911
 - 1982
 - The article does not mention the first successful flight over the Continental Divide
3. What was the name of the pilot who flew the first successful flight over the Continental Divide?
 - Margaret McDonald
 - Cromwell Dixon
 - Eric Heidle
 - The article does not mention the pilot’s name
4. When did the Continental Divide start to form?
 - 10,000 years ago
 - 5,900 years ago
 - 3,000 years ago
 - 60 million years ago

5. Select the best definition for the Continental Divide.
- The line along which all water on one side of a continent flows to one ocean, and all water on the other flows to another ocean
 - Tectonic subduction plate
 - The Rocky Mountains
 - A line that has been shaping fortunes in Montana for a long time
6. Select the best definition for the Laurentian Divide.
- A divide that sends waters north to Hudson Bay or south into the Gulf of Mexico
 - A divide that forms Triple Divide Peak in Glacier National Park
 - A divide that is the Mount Everest of water
 - The hydrologic apex of Mount Everest
7. In what ways are the environments west of the Continental Divide affected by the weather patterns created by the Divide? (select all that apply)
- Rain or snow falls as air rises to pass over the Divide, providing more precipitation west of the Divide
 - Rain or snow falls as air rises to pass over the Divide, providing more precipitation east of the Divide
 - Additional precipitation creates vast forests
 - Additional precipitation creates complex river systems
 - Additional precipitation creates more logging opportunities
 - Less precipitation creates arid grasslands
 - Less precipitation limits the amount of water available for farmers and ranchers
 - Less precipitation requires humans to direct water, through irrigation, wherever they need it to go for plants and animals
8. In what ways are the environments east of the Continental Divide effected from the weather patterns created by the Divide? (select all that apply)
- Rain or snow falls as air rises to pass over the Divide, providing more precipitation west of the Divide

- Rain or snow falls as air rises to pass over the Divide, providing more precipitation east of the Divide
- Additional precipitation creates vast forests
- Additional precipitation creates complex river systems
- Additional precipitation creates more logging opportunities
- Less precipitation creates arid grasslands
- Less precipitation limits the amount of water available for farmers and ranchers
- Less precipitation requires humans to direct water, through irrigation, wherever they need it to go for plants and animals

9. According to the article, how did the Continental Divide shape an important manmade boundary in America's past?

- The Divide forms the western boundary of Montana
- The Divide formed the western boundary of the Louisiana Purchase which doubled the size of the United States at the time
- The Divide formed the boundary between France and England
- The article does not mention a manmade boundary

10. According to the article, these two men crossed the Divide at what would become Lemhi Pass on August 12, 1805 while leading an expedition.

- Thomas Jefferson and Emperor Napoleon
- James Monroe and Robert Livingston
- Captain Meriwether Lewis and Lieutenant William Clark
- Cromwell Dixon and Margaret McDonald

11. According to the article, about how long is the Continental Divide Trail?

- 38 miles
- 92 miles
- 60 million miles
- 3,100 miles

12. According to the article, what ancient trail runs parallel to the Continental Divide roughly 30 miles to the east on the edge of the Great Plains?
- Old North Trail
 - Pleistocene Trail
 - Blackfeet Trail
 - Dinosaur Trail
13. According the Margaret McDonald, what part of the terrain was missing from artist Robert Morgan’s painting of Cromwell Dixon crossing the Divide?
- A river
 - A tree
 - The Old North Trail
 - The Continental Divide

Get your boots on the ground and dig deeper!

Digital Geography Activity (MTSSCS.3)

Objective: Digitally outline the Continental Divide on Google Maps within Glacier National Park

1. Log into your Google Chrome account and click on the Apps tab in the upper right-hand corner of your screen.
2. Select Google Maps from your Apps and then open the menu tab in the upper left-hand corner of the screen.
3. From the options listed in the menu, select Your Places.
4. Under the Your Places tab, select Maps and click on Create Map at the bottom of the menu.
5. Where it says Untitled Map, click and change the title to, The Continental Divide in Glacier Park.
6. Click on the Base Map tab and select Satellite view.
7. Zoom into the Montana/Canada Border where the Continental Divide crosses into Glacier Park (between Forum Peak and Mt. Cluster)
8. Select the Draw Line tool under the search bar. Place your first mark at the Montana/Canada border and the Continental Divide.

9. By using satellite imagery and any other map resources of your choosing, trace the route of the Continental Divide through Glacier National Park. Stop your route at Marias Pass.
10. Extension 1: Identify individual watersheds along the Continental Divide and follow the drainages to the tributaries that each watershed empties into. You can use the route tool to create a shape around each watershed or use the Add Marker tool to add markers to each watershed.
11. Extension 2: Locate the Old North Trail/Continental Divide Trail and create a walking route through Glacier National Park; go even further and trace the route through the rest of Montana.



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