

1. **(a) Geology**=the science that deals with the earth's physical structure and substance, its history, and the processes that act on it.

(b) Paleontologist=A paleontologist is a scientist who studies fossils

(c) Fossil Fuels= a natural fuel such as coal or gas, formed in the geological past from the remains of living organisms.

(d) Glacier= a slowly moving mass or river of ice formed by the accumulation and compaction of snow on mountains or near the poles.

(e) Caldera= a large volcanic crater, typically one formed by a major eruption leading to the collapse of the mouth of the volcano.

(f) Rain Shadow= a region having little rainfall because it is sheltered from prevailing rain-bearing winds by a range of hills.

2. **(a)** Moose, Grizzly

(b) Yellowstone

(c) Chinooks are a warm wind

(d) A big snow storm with high winds

3. Precambrian, Paleozoic, Mesozoic ,and Cenozoic

4. Fossil fuels are made of decayed plants and animals that have been converted to crude oil, coal, natural gas, or heavy oils

5. One side of the mountain is dryer than the other side of the mountain

6. Glaciers carve through mountains as they move and they get smaller and smaller

7. The western=rugged, central=isolated mountains, eastern=rolling plains

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1. When the land was changing so was the air and they couldn't get enough of it
 2. One negative effect is it can ruin houses or other stuff. The positive side is it forms new land. People should control erosion when floods or earthquakes happen.
 3. Some of the regions can be cold, flat, and windy and with that they have to prepare for snow storms, high winds, etc.

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1. I would classify the changes as a gradual change.
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1. There are becoming more and more people coming to our region. There are more human changes than natural. Humans can construct/destroy things where as natural forces can only really destroy the things humans have made.
2. The primary geologic forces that formed the region I live in are formed by glaciers. The glaciers carved into the mountains.