

Chapter 1 Review

- 1 (A) **Geology** is the Earth's physical features, substances and history
- 1 (B) **paleontologist** is a scientist who studies rocks
- 1 (C) **Fossil fuels** is a natural fuel like gas and coal
- 1 (D) **Glacier** is a river made by ice
- 1 (E) **caldera** is a volcanic crater
- 1 (F) **rain shadow identity** is an area with little precipitation

- 2 (A) Moose, Bear
- 2 (B) yellowstone national park (6.1)
- 2 (C) dry, warm winds that blow down the eastern slopes
- 2 (D) fast winter weather

- 3-precambrian- oldest rocks were made
- 3-paleozoic- oldest animals were formed (4.8 billion years ago)
- 3-mesozoic- middle life (544 million years ago)
- 3-cenozoic- young life (65-0 million years ago)

- 4- Organic material that has sat under heat pressure to create coal and lignite
- 5- rain shadowing
- 6- Glaciers helped form montana, pushing everything away from them rock and earth, like a bulldozer

- 7-western- rugged mountains, forested ridges and high precipitation
- 7-central- isolated mountains, high plains and chinook winds
- 7-eastern- rolling plains, persistent winds, dry, and extreme temperatures

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- 1 The air was changing and some of the bigger mammals needed more and couldn't get it
 - 2 Positive- erosion is helpful to the land to morph it into something new, it is slower than earthquakes and volcanoes
 - 2 negative- the lands changes to fast and the animals cant change with it so they die off
 - 3 The climates in the western, central and eastern have different weather so the people that like dry weather move to the dry part and people that like moist weather move to a moister part of montana. And the recreational activities affect that too.

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- 1 Volcanoes

1 The land is changing cause fall is here and all the plants are dying and the leaves are falling . There are more human changes than natural changes at this point of my life. The people are taking the natural land and turning into buildings, offices. Apartments, etc.

2 One of the primary things that are changing my region of Montana are erosion, glaciers, and tectonic plates.