Name _____ Date _____

Evaluating
Topic 4.3

Mountain Ranges

Use with textbook pages 307, 309, and 310.

1. Why do colliding continental plates behave differently than an oceanic plate colliding with a continental plate?

2. Why is there no volcanic activity at a continental-continental convergent boundary?

3. Explain the differences between the formation of the Coast Mountains in British Columbia and the Himalayan Mountains in southern Asia.

4. The Burgess Shale is famous for its fossils. It is located 2286 m above sea level in Yoho National Park near Golden, British Columbia. It contains 508-million-year-old fossils of sea organisms that lived on a reef. Use plate tectonics to explain how fossils of sea creatures can be found high in the mountains.

5. What plates collided (and are still colliding) and resulted in the formation of the Himalayan Mountains?

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