

Activity Answers

Rocky Minero

- 1. In the west
- 2. New York, Ohio, Louisiana, Kansas, or Texas
- 3. Answers will vary
- 4. Montana
- 5. Texas or Utah
- 6. Alaska or Montana
- 7., 8., 9. Answers will vary

The Mountain of Stone

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The Geologic Time Scale

- 1. Eon
- 2. When many forms of life appeared within a short time span in the Cambrian Period.
- 3. Mesozoic
- 4. Cenozoic

- 5. Greek, although some are Latin.
- 6. Cretaceous, which ended with the K-T extinction.
- 7. Jurrasic, the continent was Laurasia.
- 8. Permo-Triassic extinction, which wiped out between 95 and 99% of all life on earth. 95% of marine species and 50% of mammal species became extinct.
- 9. Pennsylvanian and Mississippian periods of the Paleozoic Era.
- 10. A trilobite was a hard-shelled marine invertebrate. The cambrian period is the Age of Trilobites, 540 to 500 million years ago.

The Miners are Reclaiming

- 1. How a Mine Can Be Reclaimed?
- 2. 4,3,5,2,1
- 3. a. Dust, erosion, subsidence, wildlife and habitat disruption, effects on plants, and contamination of water sources.
 - b. Overburden used to fill mine shafts and tunnels, land is recontoured, a cover of plants is reestablished.
 - c. The process of returning mined land to productive and beneficial use.
 - d. Wildlife can have their habitat disrupted.
 - e. Loss of plant and animal life, shape of the ground changed, water contaminated.
- 4. B,D,A,E,C