

Name \_\_\_\_\_

## The Mighty Builders: How Mountains Are Formed

### Short Answer Key

1. Fold mountains form when two tectonic plates collide, creating immense pressure that folds and pushes the Earth's crust upward, resulting in long mountain ranges.
2. Volcanic mountains form when molten rock (magma) erupts from a volcano. Over time, layers of solidified lava and volcanic materials build up to create a mountain. An example is Mount Fuji in Japan.
3. Mountains contribute to the development of unique ecosystems by offering varying elevations with different climates and habitats. This diversity supports a wide range of plant and animal species.
4. An example of a famous mountain range is the Alps in Europe. It is a popular tourist destination due to its scenic beauty, opportunities for skiing and hiking, and rich cultural history.
5. Challenges in mountainous regions can include harsh weather, limited access, and the risk of landslides or avalanches. People adapt by building sturdy homes, developing mountain agriculture, and using specialized transportation.

