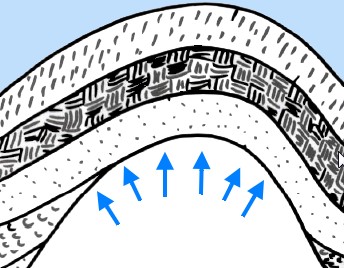
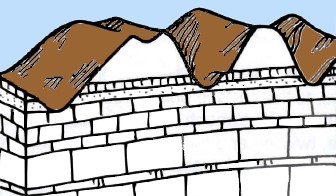
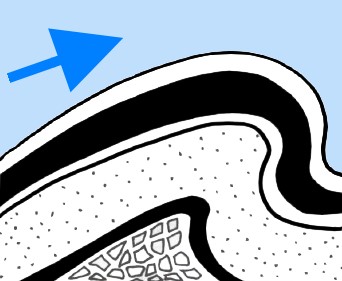
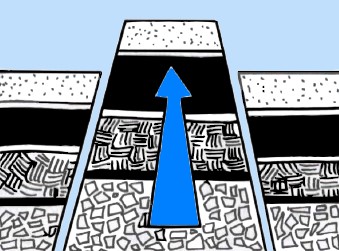
**How are mountains formed?**

Dome Mountains Fold Mountains

Volcanic Mountains Fault Block Mountains

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| --- | --- |
| These mountains are formed when the Earth’s plates collide. The plates crash head on and the edges crumple and fold upwards. These folds form mountains! The world’s largest mountain ranges are fold mountains. | These mountains are formed when cracks or faults in the Earth’s crust force some blocks of rock up and some down. The Earth’s crust pulls apart and these rocks are stacked on top of each other. These piles of rock become mountains! |
| These mountains are formed when large amounts of molten rock (magma) are built up under the Earth’s surface. This magma pushes up the overlaying rock on the surface. When the magma cools and sets it becomes hardened rock. This rock forms dome shaped mountains. | These mountains are formed when volcanoes erupt. Molten rock which has reached the surface (lava) spills from the volcano then cools and sets. When lava has set it becomes hardened rock. These layers of rock build up on top of each other. These layers form mountains! |