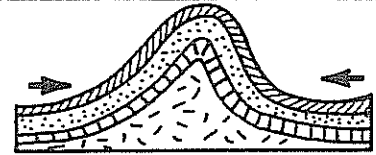
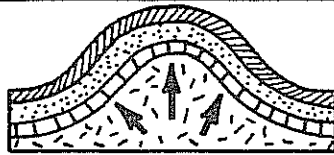
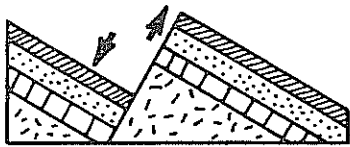


Mountain Building

Name _____



Mammoth mountains can be found in many places throughout the world. How are these mountains formed?

Most mountains are formed when continental plates collide with each other. The force of the plates pushing against each other causes the crust to bulge up higher and higher, until "waves" of mountains are formed. The mountains that are formed this way are called **folded mountains**.

Other mountains are formed along faults. Along one side of the fault, the block of crust moves up. Along the other side of the fault, the block of crust moves down. The mountains that are formed from this are called **fault-block mountains**.

A third type of mountain, formed much in the same way folded mountains are, is a **dome mountain**. A bulge is formed. However, the bulge is caused by magma from the earth's mantle pushing against the crust.

1. Label the drawings of mountain types using the words in bold.
2. What is the main difference between a folded mountain and a fault-block mountain? _____
3. What are two forces that form mountains? _____

Mountain	Height	Location
McKinley	6,194 m	Alaska
Washington	1,916 m	New Hampshire
Shasta	4,316 m	California
Logan	6,050 m	Canada
Pike's Peak	4,300 m	Colorado

4. The two highest peaks in North America are listed on the chart. Name them and give their heights.

5. Make a bar graph using the information on the chart. Put the height in meters on the vertical axis, and the name of the mountain on the horizontal axis.

Fun Fact

The Himalaya Mountains of Tibet are the highest mountains on Earth. They were formed 40 million years ago when India drifted away from the east coast of Africa and crashed into Eurasia, piling up the Himalayas which are still growing today.