



Name _____

Step 1: Build your own mountain using 1 container of playdoh.

Step 2: Divide your mountain into 8 even sections from the base to the top of your mountain. You may want to use your pencil to make a mark at each division.

Step 3: Use a piece of thread to cut off the bottom section. Place it in the rectangle and carefully trace around it. Continue cutting and tracing until you have mapped the mountain. Mark the peak of your mountain with an X.

Step 4: Stack the pieces to recreate your mountain. Do not destroy your mountain. Give your mountain to your teacher to "hide".

Step 5: After everyone is finished, trade maps with another group and attempt to make their mountain using the topographic map and another container of playdoh.

Step 6: Compare your copy to the original. Were you close? Why or why not?

