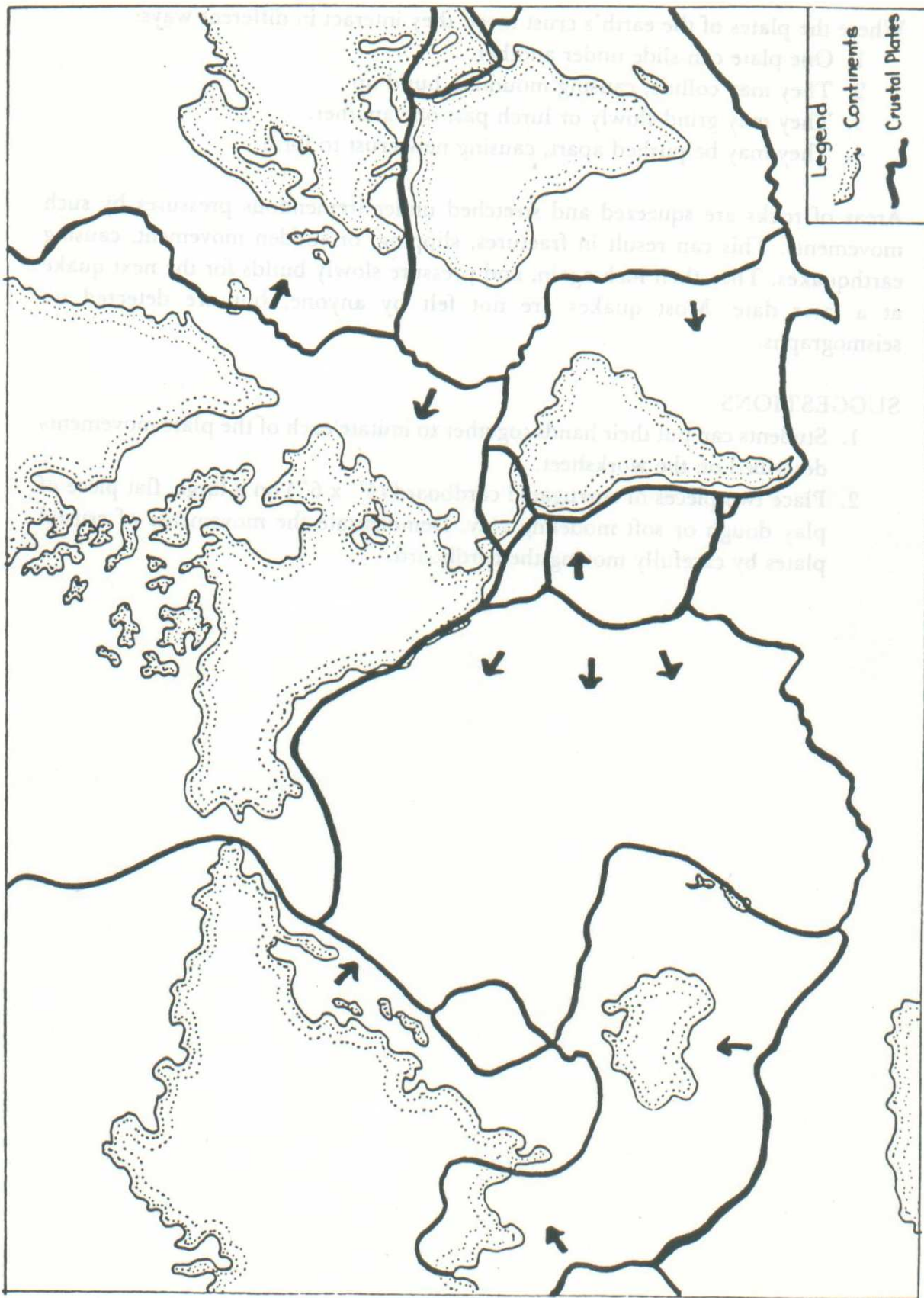


Name _____

Date _____

CRUSTAL PLATES



- Crustal Plates - arrows show movement pattern
1. Label North and South America. Can you label other continents?
 2. Put a red x to show where California is.
 3. Use different colors to shade in each crustal plate. Do it very lightly.

Name _____

Date _____

STRETCH and SQUEEZE!

Crustal plates move slowly, about two inches a year. Heat from inside the earth rises to the plates, which makes them move.

The plates move in different ways.

Subduction - one plate slides down under another plate

Collision - two plates collide

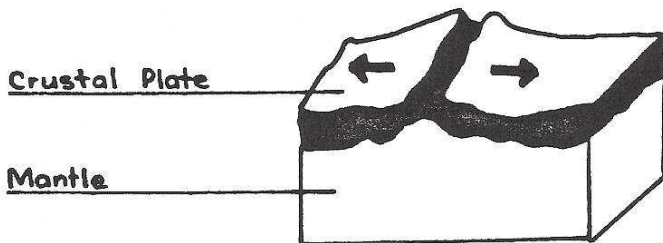
Transform - one plate grinds past another

Spreading - two plates spread apart

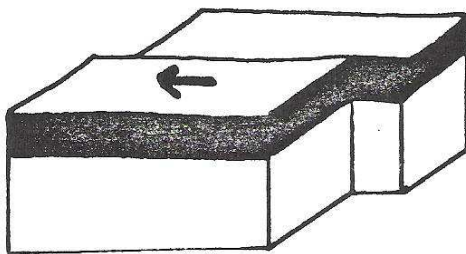
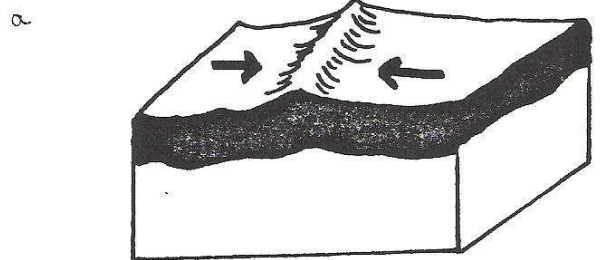
As the plates move, the stretching and squeezing cause the rocks in the mantle to break and slip. Then waves of energy move to the surface and can be felt.

Label each diagram to show how plates move. Look carefully at the arrows.

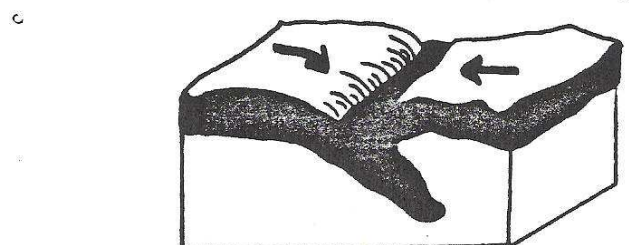
1. _____



2. _____



3. _____



4. _____