

Name: _____

Klasse: _____

Dynamic Earth – California

1. Label the two plates which meet in the California area and draw arrows to show the direction of their movement.

West

East



2. Complete the text below by filling in the gaps with the following words:

(25 million, earthquakes, five centimeters, North American Plate, northwest, Pacific Plate, San Andreas Fault, San Francisco, transform fault, Vancouver)

The best known example of a strike-slip fault or a _____ is the _____ in California. There, the _____ is moving towards the _____ relative to the _____ at a rate of _____ per year. When the plates jam, stress builds up, causing severe _____ on sudden release. If this motion continues at a similar rate, _____ would be located at the same latitude as _____ in _____ years.