

# **Answer Key- Plate Tectonics Review Handouts**

## **REVIEW STATION #1: Earthquakes**

1. The difference in arrival times is greater at station A and the P-wave arrives at a later time at station A than at station B.
2. 5400 km ( $\pm 200$  km)
3. 2
4. 4
5. 1
6. 4
7. 2

## **REVIEW STATION #2: Earth's Interior**

1. 3
2. 4
3. 2
4. 3
5. 2

## **REVIEW STATION #3: Continental Drift, Convection, Seafloor Spreading**

1. 1
2. 2
3. 2
4. 3
5. 4
6. Continental shapes fit together; matching fossils on different continents, similar rock and mountain structures on different continents, and climatic evidence (coal layers, glacier evidence) on continents that are not presently in a matching climate.

## **REVIEW STATION #4: Plate Boundaries**

1. 3
2. 4
3. 2
4. 3
5. Hawaii Hot Spot