

Data Worksheet

Data Table One:

Island	Distance on map (cm or in)	Convert Distance to km	Age	Rate(Distance/Age)
Molokai			1.8 million years	
Oahu			3.3 million years	
Kauai			5.6 million years	
AVERAGE				

1. Fill out the table below to determine how far the Pacific Plate has moved in the lifetime of the average student in your group.
2. How far is your answer in feet? There are 0.0328 feet in one centimeter.
3. How close was your guess?

Data Table Two:

Average rate (cm/yr)	Time (yr)	Distance (Rate * Time)
	17	