



Record your data and calculate the distance of the earthquakes from each city.

## Earthquake 1

City	Time between P and S waves	Distance of earthquake from city (Time x 1500km)
Sydney		
San Francisco		
Mumbai		

## Earthquake 2

City	Time between P and S waves	Distance of earthquake from city (Time x 1500km)
Sydney		
San Francisco		
Mumbai		

## Recent earthquake data:

Latitude	Longitude	Magnitude	Location
-59.96	-65.13	5.8	DRAKE PASSAGE
-47.34	165.04	4.4	OFF W. COAST OF S. ISLAND, NEW ZEALAND
-43.49	39.62	5.5	PRINCE EDWARD ISLANDS REGION
-32.81	-71.82	5	NEAR COAST OF CENTRAL CHILE
-30.13	-177.87	4.9	KERMADEC ISLANDS, NEW ZEALAND
-25.13	-70.66	5	NEAR COAST OF NORTHERN CHILE
-21.97	178.1	4.6	SOUTH OF FIJI ISLANDS
-20.93	-178.69	5.8	FIJI ISLANDS REGION
-20.11	-68.3	4.8	CHILE-BOLIVIA BORDER REGION
-17.61	168.38	5.1	VANUATU ISLANDS
-14.13	-174.39	4.9	SAMOA ISLANDS REGION
-12.94	166.25	5.3	SANTA CRUZ ISLANDS
-10.14	118.71	5.5	SOUTH OF SUMBAWA, INDONESIA

Name \_\_\_\_\_

Date \_\_\_\_\_



Latitude	Longitude	Magnitude	Location
-8.33	120.61	5	FLORES REGION, INDONESIA
-7.93	129.4	4.8	BANDA SEA
-3.05	139.5	6	IRIAN JAYA, INDONESIA
-3	68.09	5.3	CARLSBERG RIDGE
-1.47	99.26	4.8	SOUTHERN SUMATRA, INDONESIA
-1.42	69.36	5.1	CARLSBERG RIDGE
1.19	126.19	5.2	NORTHERN MOLUCCA SEA
3.57	-103.27	4.8	GALAPAGOS TRIPLE JUNCTION REGION
4.55	-76.05	5	COLOMBIA
8.1	91.89	6.2	NICOBAR ISLANDS, INDIA
8.94	-83.98	4.7	COSTA RICA
10.44	127.41	4.5	PHILIPPINE ISLANDS REGION
10.68	-86.48	4.9	OFF COAST OF COSTA RICA
13.88	51.6	4.7	EASTERN GULF OF ADEN
13.99	120.94	4.1	MINDORO, PHILIPPINE ISLANDS
18.98	-69.13	4.6	DOMINICAN REPUBLIC REGION
19.14	-108.5	4.5	REVILLA GIGEDO ISLANDS REGION
19.35	-65.55	4.1	PUERTO RICO REGION
23.8	-108.49	4.4	GULF OF CALIFORNIA
24.24	126.97	5	RYUKYU ISLANDS
26.28	141.11	5.5	BONIN ISLANDS REGION
27.26	91.38	5.2	BHUTAN
29.54	63.82	5.6	SOUTHWESTERN PAKISTAN
34.25	70.09	5	AFGHANISTAN
40.21	141.2	4.6	NEAR EAST COAST OF HONSHU, JAPAN
43.46	-126.77	5.3	OFF COAST OF OREGON
47.01	152.82	4.8	KURIL ISLANDS
51.52	176.73	4.3	RAT ISLANDS, ALEUTIAN ISLANDS
51.6	16.17	4.1	POLAND
52.25	-168.63	4.9	FOX ISLANDS, ALEUTIAN ISLANDS
53.01	159.4	4.9	NEAR EAST COAST OF KAMCHATKA
57.54	-156.16	4.8	ALASKA PENINSULA
71.46	-0.99	4.6	JAN MAYEN ISLAND REGION

Name \_\_\_\_\_

Date \_\_\_\_\_