**THE NIKE SHOE INVESTIGATION**

**PROCEDURES:**

1) Number each of the data points to reflect the true chronological order.

2) Plot the location of each point, in chronological order.

3) Draw small, neat arrows between the points.

**Data**

1. shoe spill, May 27, 1990 48°N, 161°W
2. 250 recovered, March 26, 1991 59°N, 139°W
3. 200 recovered, May 18, 1991 55°N, 130°W
4. 100 recovered, February, 1991 53°N, 131°W
5. 200 recovered, November, 1990 49°N, 126°W
6. 200 recovered, February, 1991 47°N, 125°W
7. 150 recovered, April 4, 1991 44°N, 124°W
8. 200 recovered, May 9-10, 1991 40°N, 124°W
9. several recovered, January, 1993 19°N, 155.5°W
10. several recovered, January, 1994 32°N, 132°E 🡨 East!
11. several recovered, April, 1996 54°N, 133°W

**ANALYSIS OF DATA:**

1) Define these terms: (a) gyre (b) current

2) By looking at the data you plotted on your map, write a sentence or two describing the general shape of the route or pathway taken by the drifting shoes.

3) Write a few sentences EXPLAINING this pathway using appropriate terms from #1

4) Using a reference showing the major surface currents in the Pacific Ocean:

(a) List the names for each of the currents that affected the distribution of the shoes

(b) Write them on you map showing their correct location.