

Name _____

Date _____

Latitude and Longitude Lab



Directions: This is your chance to practice finding the latitude and longitude of different locations on a world map. Try to be as accurate as possible. If you are within 3° of the correct answer, you did an exceptional job and will not be penalized points.

Part I - Locating Positions on a Map (finding latitude and longitude)

Find the following cities on a map and write down their latitude and longitude in the spaces provided. Don't forget compass directions.

	<u>latitude</u>	<u>longitude</u>
1. Madrid, Spain	_____	_____
2. Anchorage, Alaska	_____	_____
3. Hong Kong, China	_____	_____
4. New York City, USA	_____	_____
5. London, England	_____	_____
6. Cape Town, South Africa	_____	_____
7. Honolulu, Hawaii	_____	_____
8. Calcutta, India	_____	_____

Part II - Locating Positions on the Globe (latitude and longitude provided)

Use the latitude and longitude coordinates given to locate the city at that point. Write the **city name** in the spaces provided and then solve the clue at the end of the laboratory.

1. 60°N and 30°E

67 2 80 5 2 5 39 67 33 89 39 7

2. 35°S and 152°E

67 16 13 45 5 16

3. 49°N and 3°E

80 11 39 91 67

4. 23°S and 44°W

39 91 74 13 5 17 11 45 5 91 39 74

5. 8°S and 41°E

9 11 45 9 91 33 11 39

6. 38°N and 123°W

67 11 45 58 39 11 45 22 91 67 22 74

7. 42°N and 87°W

40 91 34 42 11 89 56 5 5

8. 30°N and 85°W

2 11 34 34 11 18 11 67 67 5 5

CLUE:

91 58 16 74 89 42 5 39 5 58 11 67 2 5 45 74 89 7 18,

11 80 39 91 9 5 11 42 11 91 2 67 16 74 89 91 45

2 18 5 2 74 80 13 39 11 42 5 39 74 58 2 18 5

2 5 11 22 18 5 39 67 13 5 67 56