Name: _________________________

Latitude and Longitude

Write the name of the city and state found at the given latitude and longitude coordinates.

1. 33°N latitude, 112°W longitude  
   Phoenix, AZ

2. 35°N latitude, 78°W longitude  
   Raleigh, NC

3. 46°N latitude, 96°W longitude  
   Fargo, ND

4. 45°N latitude, 122°W longitude  
   Portland, OR

5. 29°N latitude, 95°W longitude  
   Houston, TX

6. 43°N latitude, 79°W longitude  
   Niagara Falls, NY

7. 25°N latitude, 80°W longitude  
   Miami, FL

What's important about the 37th Parallel?  OK Border

What's important about the 40th Parallel? NE Border
Using the coordinates listed below, write the name of the city next to its plotted latitude and longitude point on the map.

A. Detroit, Michigan: 42°N, 83°W
B. New Orleans, Louisiana: 30°N, 90°W
C. Orlando, Florida: 28°N, 81°W
D. Hartford, Connecticut: 42°N, 72°W
E. Las Vegas, Nevada: 36°N, 115°W
F. Seattle, Washington: 47°N, 122°W
G. Augusta, Maine: 44°N, 69°W
H. Minneapolis, Minnesota: 45°N, 93°W

J. Richmond, Virginia: 37°N, 77°W
J. Pierre, South Dakota: 44°N, 100°W
K. Santa Fe, New Mexico: 35°N, 106°W
L. Helena, Montana: 46°N, 112°W
M. Little Rock, Arkansas: 35°N, 92°W
N. San Francisco, California: 38°N, 122°W
O. Nashville, Tennessee: 36°N, 87°W
USA Latitude and Longitude Activity

1. Do lines of latitude run east-west or north-south? E/W

2. Name three states that extend below latitude 30 degrees N, and label them on the map. 
   - Texas, Louisiana, Florida

3. Name one US state that is mostly east of longitude 70 degrees W, and label it on the map. 
   - Maine

4. Name three US states that extend west of longitude 120 degrees W, and label them on their map. 
   - California, Oregon, Washington

5. Is the location 45 degrees N latitude, 82 degrees W longitude on land or under water? On the map mark it with an X.

6. Name the state that is located entirely between 40-45 degrees N latitude and between 90-100 degrees W longitude, and label it on the map. 
   - Iowa
### USA (Contiguous) Latitude and Longitude Activity

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Do lines of latitude run east-west or north-south?</td>
<td></td>
</tr>
<tr>
<td>2. Name three states that extend below latitude 30 degrees N (in the contiguous US).</td>
<td></td>
</tr>
<tr>
<td>3. Name one US state that is mostly east of longitude 70 degrees W, and label it on the map.</td>
<td></td>
</tr>
<tr>
<td>4. Name three US states (shown on this map) that extend west of longitude 120 degrees W.</td>
<td></td>
</tr>
<tr>
<td>5. Is the location 45 degrees N latitude, 82 degrees W longitude on land or under water? On the map, mark it with a red X.</td>
<td></td>
</tr>
<tr>
<td>6. Name the state that is located entirely between 40-45 degrees N latitude and between 90-100 degrees W longitude.</td>
<td></td>
</tr>
<tr>
<td>7. What is the approximate latitude and longitude of Atlanta, GA?</td>
<td>33°N, 83°W</td>
</tr>
</tbody>
</table>

Source: enchantedlearning.com
## United Kingdom Latitude and Longitude

Using the map, tell which cities of the United Kingdom can be found at each latitude and longitude coordinates. You will need to round to the nearest degree.

<table>
<thead>
<tr>
<th>Aberdeen</th>
<th>Cambridge</th>
<th>Inverness</th>
<th>London</th>
<th>Plymouth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belfast</td>
<td>Carlisle</td>
<td>Leeds</td>
<td>Londonderry</td>
<td>Southampton</td>
</tr>
<tr>
<td>Birmingham</td>
<td>Glasgow</td>
<td>Liverpool</td>
<td>Norwich</td>
<td>Swansea</td>
</tr>
</tbody>
</table>

| a. 55°N, 3°W | Carlisle | l. 53°N, 3°W | Liverpool |
| b. 52°N, 0° | Cambridge | j. 50°N, 4°W | Plymouth |
| c. 57°N, 2°W | Aberdeen | k. 51°N, 0° | London |
| d. 52°N, 4°W | Swansea | l. 57°N, 4°W | Inverness |
| e. 51°N, 1°W | Southampton | m. 54°N, 1°W | Leeds |
| f. 53°N, 1°E | Norwich | n. 55°N, 7°W | Londonderry |
| g. 55°N, 6°W | Belfast | o. 53°N, 2°W | Birmingham |
| h. 56°N, 4°W | Glasgow |

Flip over for the Map
United Kingdom of Great Britain and Northern Ireland
1. Give the coordinates of the points on the globe (to the nearest degree).

A 20°N, 30°E  B 10°S, 100°W  C 65°S, 25°E  
D (60°E, 80°S)  E 70°N, 0°E or W  F 40°S, 40°W

2. Put your own points on the grid and identify them.

G _________  H _________  I _________
J _________  K _________  L _________

I checked these with a partner.
Latitude and Longitude Lines

Directions: Use the map above to answer the questions below.

1. The equator is \( 0^\circ \) North/South latitude.
2. All of North America is above the equator.
3. Is Mexico north or south of the equator? \( \text{North} \)
4. Name one state located west of the 140\(^\circ\)W meridian. \( \text{Hawaii or Alaska} \)
5. Is the United States located above or below the equator? \( \text{above} \)
6. Is Peru east or west of the 60\(^\circ\)W meridian? \( \text{West} \)
7. Peru is located between the equator and the \( 20^\circ\)S latitude line.
8. Guyana, Suriname and French Guiana are all located between the 50\(^\circ\)W meridian and the \( 80^\circ\)W meridian.
9. All of Canada is located above which parallel— 60\(^\circ\)N or 40\(^\circ\)N? \( 40^\circ\)N
10. Name the longitude lines which pass through Argentina. \( 60^\circ\)W and \( 70^\circ\)W
11. Name the two longitude lines which pass through Mexico. \( 100^\circ\)W and \( 110^\circ\)W
12. Is most of Colombia north or south of the equator? \( \text{North} \)
An airplane crashes at 40 degrees north and 60 degrees east. What letter would you travel to hunt for survivors?

What continent would you be on at 10 degrees south and 70 degrees west?

0 degrees latitude, 0 degrees longitude, the intersection of the Equator and the Prime Meridian, would be located in which ocean?

You receive a radio SOS call that a boat is sinking at 20 degrees south and 100 degrees east. What ocean would you travel to try to rescue the people?

Which letter is located at 50 degrees north and 120 degrees east?

<table>
<thead>
<tr>
<th>Letter</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>20°S</td>
<td>100°E</td>
</tr>
<tr>
<td>B</td>
<td>80°N</td>
<td>0°E</td>
</tr>
<tr>
<td>C</td>
<td>0°N</td>
<td>140°W</td>
</tr>
<tr>
<td>D</td>
<td>60°S</td>
<td>40°W</td>
</tr>
<tr>
<td>E</td>
<td>40°N</td>
<td>60°E</td>
</tr>
<tr>
<td>F</td>
<td>20°S</td>
<td>20°E</td>
</tr>
<tr>
<td>G</td>
<td>40°N</td>
<td>100°W</td>
</tr>
<tr>
<td>H</td>
<td>20°N</td>
<td>40°E</td>
</tr>
<tr>
<td>I</td>
<td>50°N</td>
<td>120°E</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHOICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 N 40 E</td>
</tr>
<tr>
<td>0 N 140 W</td>
</tr>
<tr>
<td>20 S 100 E</td>
</tr>
<tr>
<td>40 N 60 E</td>
</tr>
<tr>
<td>20 S 100 E</td>
</tr>
<tr>
<td>80 N 0 E</td>
</tr>
<tr>
<td>60 S 40 W</td>
</tr>
<tr>
<td>40 N 100 W</td>
</tr>
<tr>
<td>50 N 120 E</td>
</tr>
</tbody>
</table>
Latitude and Longitude Worksheet 1

Name 5 countries which lie on the Equator.
1. Brazil
2. Rwanda
3. Congo
4. Kenya
5. Indonesia

Name 5 countries which lie on the Prime Meridian.
1. Ghana
2. Mali
3. Algeria
4. Spain
5. France

What country are you in when you find:
1. 20 degrees S and 140 degrees E Australia
2. 20 degrees N and 100 degrees W Mexico
3. 60 degrees N and 100 degrees W Canada
4. 40 degrees N and 100 degrees E China
5. 30 degrees S and 20 degrees E South Africa
6. 70 degrees N and 40 degrees W Greenland

7. Give the approximate coordinates for Hawaii. $20^\circ N$ $160^\circ W$

8. Give the approximate coordinates for New Zealand. $40^\circ S$ $170^\circ E$

9. Give the approximate coordinates for Iraq. $35^\circ N$ $45^\circ E$

10. Give the approximate coordinates for New York City. $40^\circ N$ $75^\circ W$