Latitude, Longitude, and Hemispheres

Part I: Choose the best word(s) from the box to complete each sentence.

<table>
<thead>
<tr>
<th>latitude</th>
<th>longitude</th>
<th>Prime Meridian</th>
<th>equator</th>
</tr>
</thead>
<tbody>
<tr>
<td>meridians</td>
<td>north</td>
<td>south</td>
<td>west</td>
</tr>
<tr>
<td>east</td>
<td>parallels</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Lines of _______________________________ measure how far from the equator a place is.
2. Lines of _______________________________ run from the North Pole to the South Pole.
3. Lines of longitude run _________________ and _________________.
4. Lines of latitude run _________________ and _________________.

9. What shape is the planet Earth?
   - a. hemisphere
   - b. circle
   - c. hemicube
   - d. sphere

10. Which Hemisphere are both North America and South America found in?
    - a. Eastern Hemisphere
    - b. Southern Hemisphere
    - c. Western Hemisphere
    - d. Northern Hemisphere

11. Which Hemisphere are Asia, Australia, and most of Europe found in?
    - a. Western Hemisphere
    - b. Southern Hemisphere
    - c. Northern Hemisphere
    - d. Eastern Hemisphere

12. Which Hemisphere are both South America and Antarctica found in?
    - a. Southern Hemisphere
    - b. Northern Hemisphere
    - c. Eastern Hemisphere
    - d. Western Hemisphere
Part III: Tell what each picture illustrates.

13. Which hemisphere is shown by the picture?

14. What do the lines in this picture show?

15. How is a hemisphere different from a sphere?

16. How is 90° north latitude different from 90° south latitude?
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1. Lines of **latitude** measure how far from the equator a place is.
2. Lines of **longitude** run from the North Pole to the South Pole.
3. Lines of longitude run **north** and **south**.
4. Lines of latitude run **east** and **west**.
5. The invisible line at 0º **longitude** is the **Prime Meridian**.
6. The invisible line at 0º **latitude** is the **equator**.
7. Lines of latitude are also called **parallels**.
8. Lines of longitude are also called **meridians**.

Part II: Circle the best answer for each question.

9. What shape is the planet Earth?
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Latitude, Longitude, and Hemispheres

Part III: Tell what each picture illustrates.

13. Which hemisphere is shown by the picture? 
   Eastern Hemisphere

14. What do the lines in this picture show? 
   Lines of Longitude

Part IV: Write one or more complete sentences to answer each question.

15. How is a hemisphere different from a sphere? 
   A hemisphere is half of a sphere.

16. How is $90^\circ$ north latitude different from $90^\circ$ south latitude? 
   $90^\circ$ north latitude is located at the North Pole. $90^\circ$ south latitude is located at the South Pole.