

Name _____

Earth Viewer Welcomes You



Access the *Earth and Moon Viewer* Web site:

Go to <http://www.teachercreated.com/books/3032>

Click on Page 89, Site 1

Click on the highlighted words *latitude*, *longitude*, and *altitude* under **Viewing the Earth**.

This link will take you to a **View Above Earth** window that gives you the current view of the earth's surface.

Type in these numbers for latitude, longitude, and altitude. (Do not use commas to indicate place value.)

- latitude: 47 North
- longitude: 7 East
- altitude: 35785 kilometers above Earth's surface

Click on the **View Earth** button, and answer the following questions:

1. From this view, what entire continent can you see?

2. What continents can you only see parts of?

3. Name three oceans found in this view.

4. How are night and day indicated? _____

Click the **Back** button on your browser menu.

(over)

Earth Viewer Welcomes You *(cont.)*



Type these positions:

- latitude: 40 North
- longitude: 120 West
- altitude: 35785 kilometers above Earth’s surface

Click on the **View Earth** button, and answer the following questions:

5. What part of the world is showing now?

6. Where is the sun in relation to this side of the globe?

7. What three oceans do you see here?

Under the picture, change the altitude reading to 100 km and click the **Update** button.

8. What happened to your view?

Change the readings under the picture to explore the following positions. Be sure you push the **Update** button after changing the readings.

latitude: 30 South	latitude: 0 South	latitude: 165 North
longitude: 135 East	longitude: 0 West	longitude: 180 West
altitude: 335000 km	altitude: 35000 km	altitude: 5000 km

9. Write at least three paragraphs describing the differences in each position. Make sure you write specific information. Also, draw a picture of each position to go with your paragraphs.