Directions: Your job is to create an ‘internal dialogue’ with the text. Write comments in the margins, make connections, raise questions, underline words or phrases you find intriguing or are new to you. You should make a minimum of **6 comments** (total, not per page). As you read, answer the questions below. After you read, you will write a six-word summary sentence of the section. Please write legibly; you will share your comments with others when you’re finished.

1.Which of the following does the atmosphere do for us?

a. Keeps us warm b. Protects us from harmful radiation

c. Provides us with oxygen & our weather d. All of the above.

2.How thick would the atmosphere be if the Earth was the size of a desk globe? (What analogy is used?)

a. Coat of paint b. Coat of varnish

c. Coat of wax d. Coat of stain

3.How many layers is the atmosphere divided into?

a. 2 b. 3

c. 4 d. 5

4.Since the troposphere contains most of all of the water found in the atmosphere, this means the troposphere also contains all of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. Weather b. Oxygen atoms

c. Warmth d. None of the above.

5.What could be deadly to you if you were near the top of the troposphere?

a. Ultra violet radiation b. Extremely hot temperatures

c. Lack of oxygen d. Too much air pressure

6.Why does the stratosphere warm up to about 400F?

a. Closer to the sun b. Ozone absorbs ultra violet radiation

c. Greenhouse effect d. Abundance of air molecules

7.The thermosphere (50 miles in altitude) can reach 2,7000F. Why doesn’t this high temperature burn-up satellites and spaceships traveling at this altitude?

a. Not enough molecules of air b. Too many molecules of air

c. No oxygen molecules to create fire d. None of the above.

My six-word summary:

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