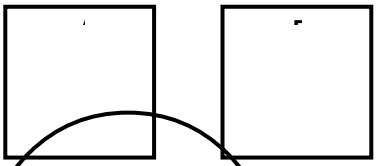
1. What is the main gas (highest percentage) in the atmosphere?
   a. Nitrogen
   b. Oxygen
   c. Carbon Dioxide
   d. Hydrogen
2. Draw a pie chart to represent the gases in the atmosphere. Label it with the different gases and their percentages:

3. List the layers of the atmosphere in order from closest to the Earth to farthest away.

4. For the <u>first four layers</u> of the atmosphere, name the layer and tell me what happens to the temperature as you go upward in that layer.
Layer 1 - _____
   - Temperature _____ as you rise.
Layer 2 - _____
   - Temperature _____ as you rise.
Layer 3 - _____
   - Temperature _____ as you rise.
Layer 4 - _____
   - Temperature _____ as you rise.

5. Fill in box “A” with dots that make it more dense and box “B” to make it less dense.



6. As you go up in the atmosphere (higher altitude) what happens to the air molecules? What happens to the pressure?

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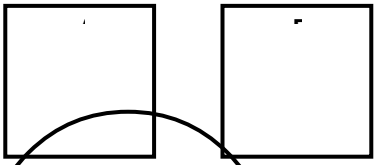

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