Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Air and Bernoulli Quiz

1. List the 5 properties of air in the chart below and provide an example of how each property can be proven. (10 marks)

|  |  |
| --- | --- |
| Property of Air | Example |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |

1. Draw what the air particles would look like in each case in the squares below.

(2 marks)

**Free Air Compressed Air**

1. Air is mostly made up of which **two** gases? (2 marks)

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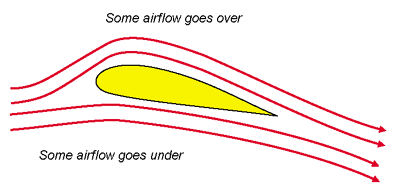
1. Explain one way in which we can prove the existence of these gases.

(2 marks)

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1. Label the following diagram and write an explanation for how Bernoulli’s Principle works to create lift. (4 marks)



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