

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

1. According to the text, what is pressure?

- A. the speed atoms and molecules travel in a container
- B. the direction atoms and molecules travel when they strike a surface
- C. the force atoms and molecules exert when they strike a surface
- D. the layer of atoms and molecules in a container

2. Based on the text, what is the effect of adding molecules or heat to a container?

- A. The container's air pressure would decrease.
- B. The container's air pressure would increase.
- C. The container's air pressure would stay the same.
- D. There would be no more air pressure in the container.

3. Read these sentences from the text.

"In the International Space Station, the density of the air is maintained so that it is similar to the density at the earth's surface. Therefore, the air pressure is the same in the space station as the earth's surface (14.7 pounds per square inch)."

What can you conclude about the International Space Station?

- A. Without air pressure maintenance, air pressure in the International Space Station is different than in the earth's surface.
- B. Without air pressure maintenance, air pressure in the International Space Station is the same than in the earth's surface.
- C. With air pressure maintenance, air pressure in the International Space Station is different than in the earth's surface.
- D. With air pressure maintenance, there is no air pressure in the International Space Station.

4. Read these sentences from the text.

"In the International Space Station, the density of the air is maintained so that it is similar to the density at the earth's surface. Therefore, the air pressure is the same in the space station as the earth's surface (14.7 pounds per square inch)."

Based on the text, what can you infer about the International Space Station?

- A. Heat or the number of molecules in the International Space is greater than in the earth's surface.
- B. Heat or the number of molecules in the International Space is less than in the earth's surface.
- C. Heat or a number of molecules was added or subtracted in the International Space Station.
- D. There is no heat or molecule in the International Space Station.

5. What is the main idea of this text?

- A. Air pressure is the same in the International Space Station as in the earth's surface because the density of air is maintained in the station.
- B. Air pressure in a container can be increased by adding molecules or heat, and it can be decreased by subtracting molecules or heat.
- C. Air pressure on Earth decreases as elevation increases because the number of molecules decreases with height.
- D. Air pressure is observed by the exerted force of atoms and molecules, and it can be changed by adding or subtracting molecules or heat.

1. According to the text, what is pressure?

- A. the speed atoms and molecules travel in a container
- B. the direction atoms and molecules travel when they strike a surface
- C. the force atoms and molecules exert when they strike a surface**
- D. the layer of atoms and molecules in a container

2. Based on the text, what is the effect of adding molecules or heat to a container?

- A. The container's air pressure would decrease.
- B. The container's air pressure would increase.**
- C. The container's air pressure would stay the same.
- D. There would be no more air pressure in the container.

3. Read these sentences from the text.

"In the International Space Station, the density of the air is maintained so that it is similar to the density at the earth's surface. Therefore, the air pressure is the same in the space station as the earth's surface (14.7 pounds per square inch)."

What can you conclude about the International Space Station?

- A. Without air pressure maintenance, air pressure in the International Space Station is different than in the earth's surface.**
- B. Without air pressure maintenance, air pressure in the International Space Station is the same than in the earth's surface.
- C. With air pressure maintenance, air pressure in the International Space Station is different than in the earth's surface.
- D. With air pressure maintenance, there is no air pressure in the International Space Station.

4. Read these sentences from the text.

"In the International Space Station, the density of the air is maintained so that it is similar to the density at the earth's surface. Therefore, the air pressure is the same in the space station as the earth's surface (14.7 pounds per square inch)."

Based on the text, what can you infer about the International Space Station?

- A. Heat or the number of molecules in the International Space is greater than in the earth's surface.
- B. Heat or the number of molecules in the International Space is less than in the earth's surface.
- C. Heat or a number of molecules was added or subtracted in the International Space Station.**
- D. There is no heat or molecule in the International Space Station.

5. What is the main idea of this text?

- A. Air pressure is the same in the International Space Station as in the earth's surface because the density of air is maintained in the station.
- B. Air pressure in a container can be increased by adding molecules or heat, and it can be decreased by subtracting molecules or heat.
- C. Air pressure on Earth decreases as elevation increases because the number of molecules decreases with height.
- D. Air pressure is observed by the exerted force of atoms and molecules, and it can be changed by adding or subtracting molecules or heat.**