



NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

DATE : \_\_\_\_\_

1. \_\_\_\_\_ is a measure of the average kinetic energy of the particles in an object. When temperature increases, the motion of these particles also increases.

A Temperature

B Measurement

C Pressure

2. The faster the molecules move, the more \_\_\_\_\_ they have, the more they spread out.

A Equation

B Pressure Temperature

C Kinetic Energy

D Gas Laws

3. Changing the \_\_\_\_\_ can change the state of matter.

A Temperature

B Matter

C Pressure

D Shape

4. When you heat water up, you cause the \_\_\_\_\_ to move faster, spreading out and changing into a gas.

A molecules

B force

C pressure

5. In physics, \_\_\_\_\_ is defined as the force over a given area.

A Measurement

B Pressure

C Temperature

6. One important type of pressure is the pressure exerted on objects from the air or the \_\_\_\_\_.

A shape

B Earth's atmosphere

C force

D gravitational pull

7. This is actually the \_\_\_\_\_ of the weight of the gas above an object on a given surface area. The higher the elevation, the lower the atmospheric pressure exerted because there is less air pressing down on the object.

<input type="checkbox"/> A	Force	<input type="checkbox"/> B	Measurement
<input type="checkbox"/> C	Pressure	<input type="checkbox"/> D	Temperature

8. It is also important to figure out the pressure under water or in a liquid. The \_\_\_\_\_ under water increases with how deep you are.

<input type="checkbox"/> A	Measurement	<input type="checkbox"/> B	pressure
<input type="checkbox"/> C	temperature		

9. Pressure also has an impact on the \_\_\_\_\_.

<input type="checkbox"/> A	State of matter	<input type="checkbox"/> B	Pressure And Temperature
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10. We often think of the states of matter changing from solid to liquid or liquid to gas based on the temperature, but the \_\_\_\_\_ also has an impact on the state. In most cases, the higher the pressure, the higher the \_\_\_\_\_ needed to change the state.

<input type="checkbox"/> A	Liquid	<input type="checkbox"/> B	Temperature
<input type="checkbox"/> C	State	<input type="checkbox"/> D	Pressure

11. One example of this is the \_\_\_\_\_ \_\_\_\_\_ of water. At higher elevations where the air pressure is lower, water will boil at a lower temperature.

<input type="checkbox"/> A	Speed	<input type="checkbox"/> B	Boiling Point
<input type="checkbox"/> C	Light		