

QuizizzTemperature and Pressure
11 Questions

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 Earths 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	