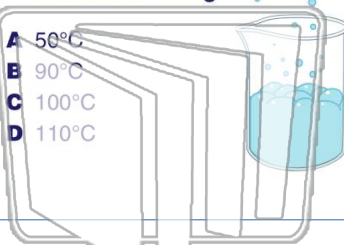




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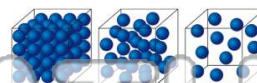
1 What is the **boiling point** of water when the atmospheric pressure exerted on the water is **525.8 mmHg**?



- A 50°C
- B 90°C
- C 100°C
- D 110°C

2 Which phase change is **exothermic**?

- A solid to liquid
- B solid to gas
- C liquid to solid
- D liquid to gas



3 What happens when two oxygen atoms **combine** to form a **molecule of oxygen**?

- A Chemical bonds are broken and energy is absorbed.

4 The **average kinetic energy** of water molecules **increases** when

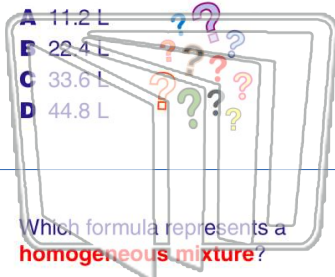


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7 the pressure remains constant and the Kelvin temperature is halved?

- A 11.2 L
- B 22.4 L
- C 33.6 L
- D 44.8 L



of gas and its pressure (P) is

- A $V = kP$
- B $P = kV$
- C $PV = k$
- D $\frac{V}{P} = k$

9 Which formula represents a **homogeneous mixture**?

- A $H_2O(l)$
- B $H_2S(g)$
- C $NaH(s)$
- D $HCl(aq)$

10 Which term represents a form of **energy**?

- A heat
- B degree
- C kilocalorie
- D temperature

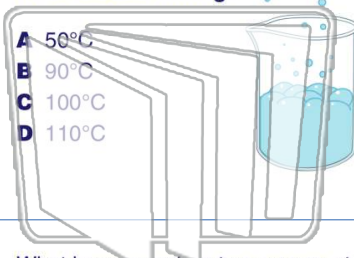




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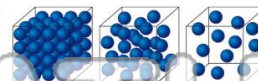
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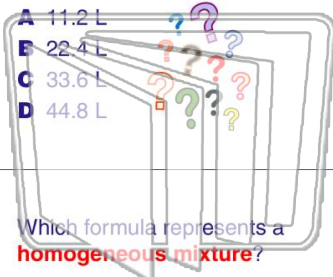
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