





Name _____ Class _____ Date _____

1 When a liquid **freezes**, the particles _____.




A speed up and spread out
B speed up and do not move
C slow down and line up together
D slow down and spread out

2 The reason why a hit baseball goes **farther** on a **warm, humid** night compared to a cold night is _____.



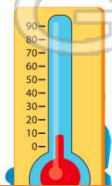
A the air is less dense on a cold night
B the air is less dense on a warm night
C the air is heavier on a warm night
D the air is lighter on a cold night

3 Which of the measurements listed below is the **longest**?



A 54 centimeters
B 500 millimeters
C 0.5 meters
D 1.5 meters

4 A column of **mercury** in a thermometer goes **up** when the **temperature goes up** because as the temperature goes up, _____.



A there is less air
B the mercury shrinks




PREVIEW

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B condensation
C neutralization
D filtration

A requires more heat
B is slower
C is faster
D needs more water

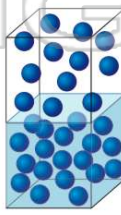


9 On the **Celsius** scale developed by Anders Celsius in 1742, at what temperature does **water boil**?



A 0°C
B 32°C
C 100°C
D 212°C

10 In a sealed container, water does **not evaporate easily** because _____.



A there is too much water
B the water vapor is trapped
C there is not enough water
D the container is dirty



ANSWER KEY

When a liquid **freezes**, the particles _____.



- A speed up and spread out
- B speed up and do not move
- C slow down and line up together
- D slow down and spread out

(C)

The reason why a hit baseball goes **farther** on a **warm, humid** night compared to a cold night is _____.



- A the air is less dense on a cold night
- B the air is less dense on a warm night
- C the air is heavier on a warm night
- D the air is lighter on a cold night

(b)

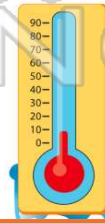
Which of the measurements listed below is the **longest**?

- A 54 centimeters
- B 500 millimeters
- C 0.5 meters
- D 1.5 meters



(d)

A column of **mercury** in a thermometer goes **up** when the **temperature goes up** because as the temperature goes up,



- A there is less air
- B the mercury shrinks
- C the mercury expands

(C)



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D filtration

- C is faster
- D needs more water



On the **Celsius** scale developed by Anders Celsius in 1742, at what temperature does **water boil**?

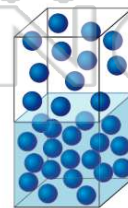
- A 0°C
- B 32°C
- C 100°C
- D 212°C



(C)

In a sealed container, water does **not evaporate easily** because _____.

- A there is too much water
- B the water vapor is trapped
- C there is not enough water
- D the container is dirty



(b)