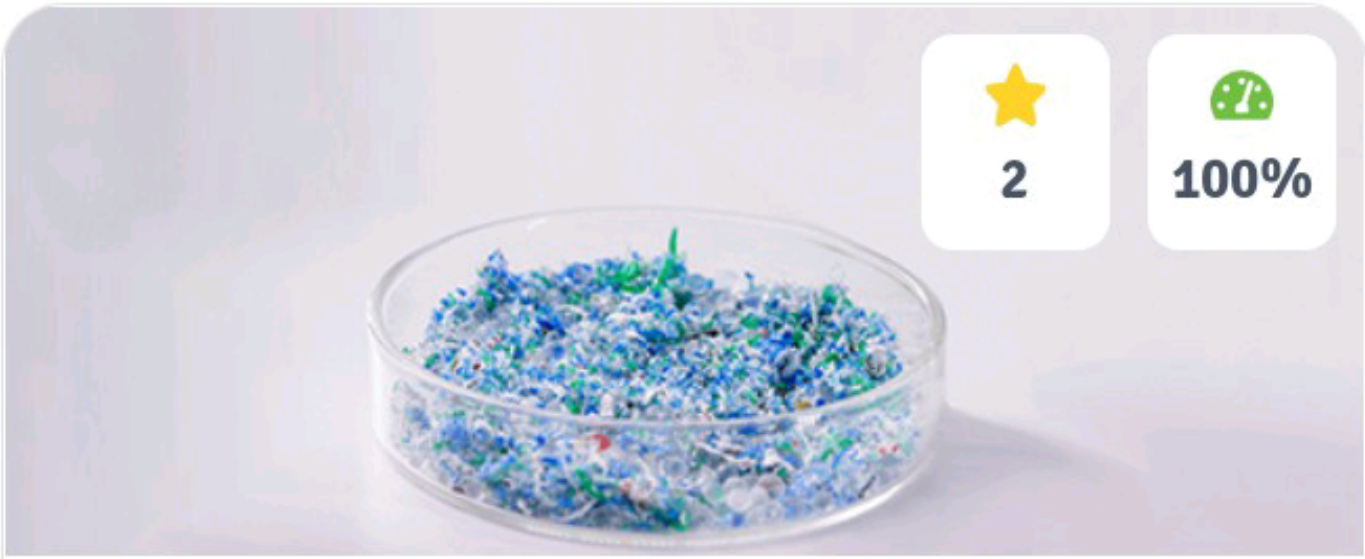
المتابعة



Energy in the Atmosphere

5. Particles in Motion - Review

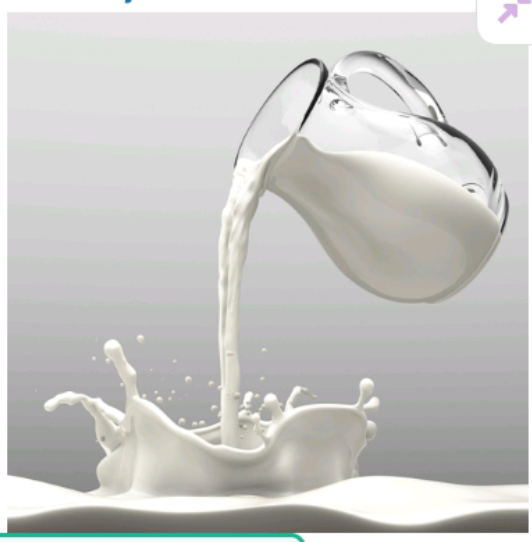
درس تعليمي

مراجعة

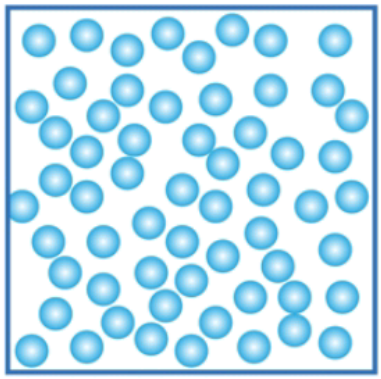
٪٢١ ٣:٣٣

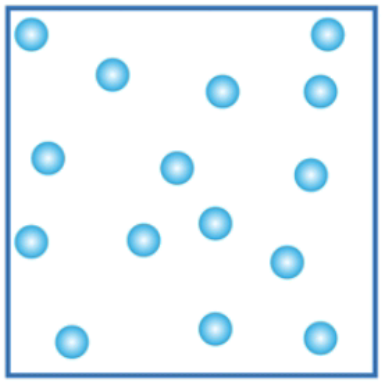
Drag and drop the correct option.

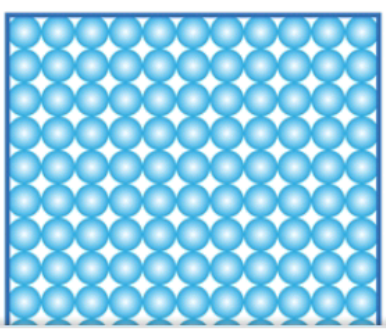
The particle arrangement that would best represent liquid milk is:



1.



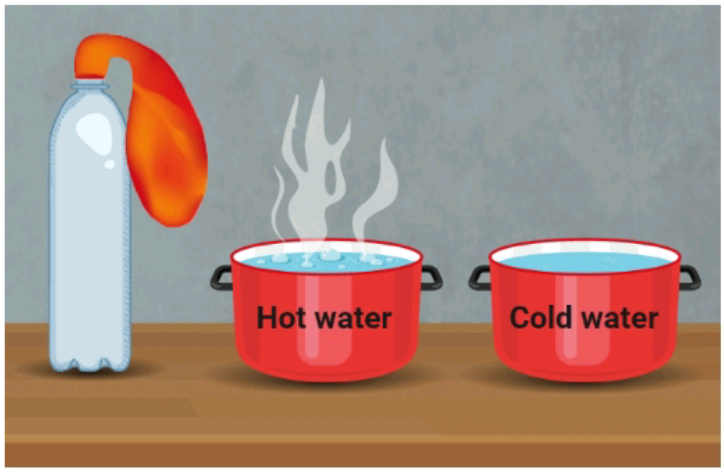




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Select the best choice.

During your investigation, you put the bottle with the balloon in a bowl of hot water.
What did you observe?

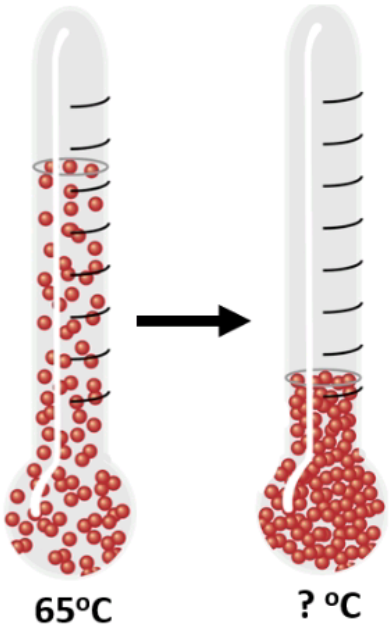


- The balloon contracted.
- The balloon remained unchanged.
- The space between the particles increased.
- ✓ The balloon expanded.

٪٢١ ٣:٣٤

Select the correct answer.

Which temperature would cause the liquid in this thermometer to contract?



- (●) 30°C ✓
- ( ) 90°C
- ( ) 100°C
- ( ) 70°C

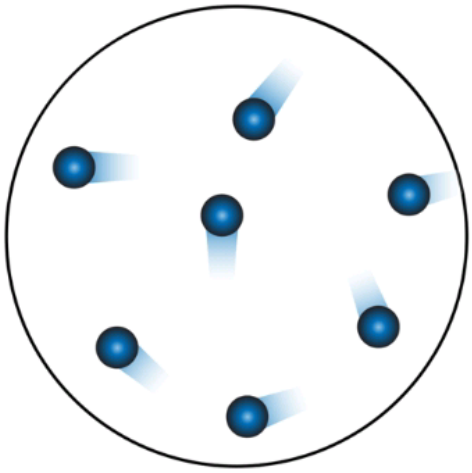
The reading on this thermometer is 65°C. Any

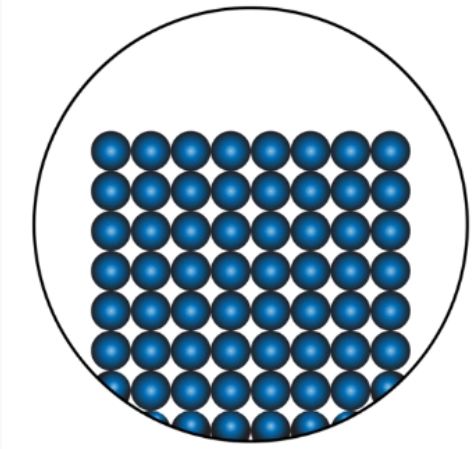
السؤال 1

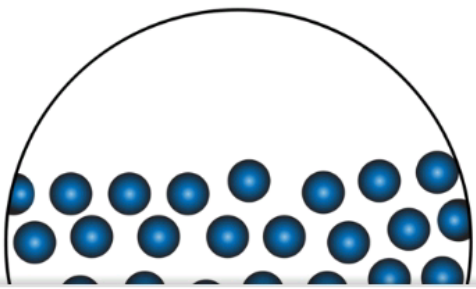
ثواني 2

Select the correct answer.

How are particles arranged in a solid?







٪٢١ ٣:٣٤

Select the correct answers.

The



liquid in this diffuser changes into a gas, then spreads out in the room.

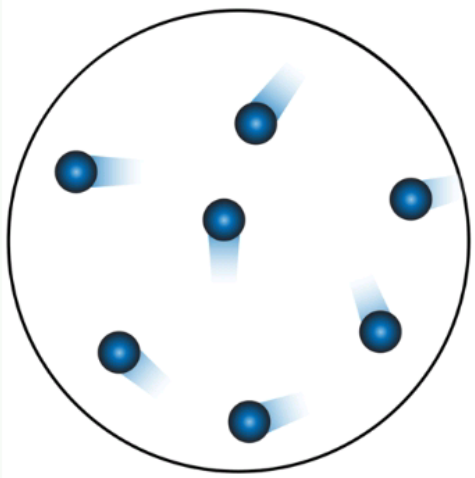
Explain how this occurs.

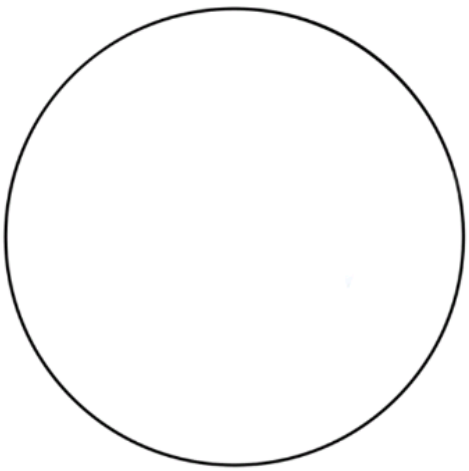
- [ ] Ice is added to the liquid.
- [x] Therefore, the particles will move with less kinetic energy. ✗
- [ ] Heat is added to the liquid. ✓
- [ ] Therefore, the particles will move with more kinetic energy. ✓
- [x] The liquid is stirred well. ✗

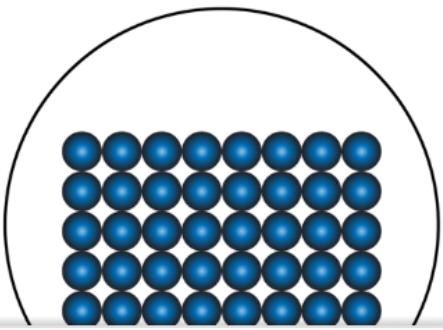
٪٢١ ٣:٣٤

Select the correct answer.

Which picture shows particles moving with the **most** energy?







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السؤال 4

ثواني 1

Select the correct answer.



Identify the correct definition of kinetic energy.

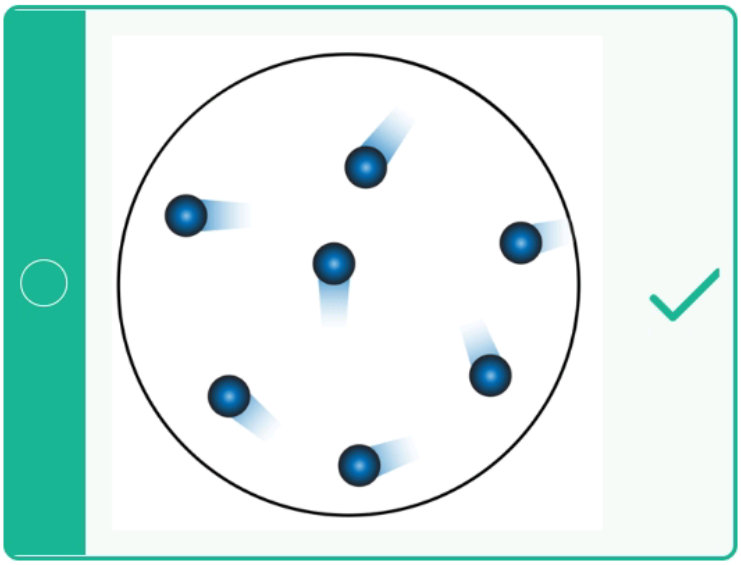
- (●) Kinetic energy is the energy of a moving object. ✓
- ( ) Kinetic energy is the energy of an object at rest.
- ( ) Kinetic energy is energy of position.

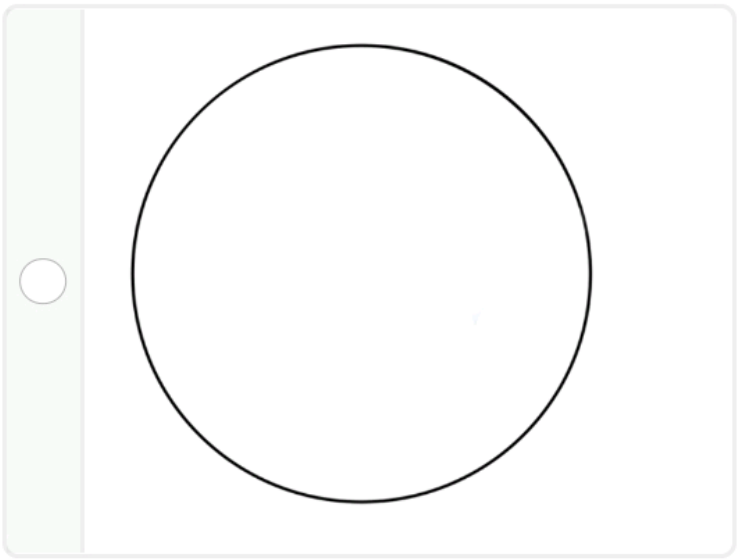
السؤال 3

ثواني 1

Select the correct answer.

Which picture shows particles moving with the **most** energy?







السؤال 5

ثواني 18

Select the correct answer.

Which of the following is an example of kinetic energy?

- dates hanging from a date tree
- raindrops held in the clouds
- a skydiver falling towards the ground ✓
- a book on a book shelf

العودة إلى صفحة الدروس