



Name _____ Class _____ Date _____

1 **Heat energy** cannot make matter change states.

- A true
- B false



2 **Heat energy** can cause water that is in a solid form change to a liquid state. What does an ice cube do when it is heated?

- A It melts.
- B It freezes.
- C It immediately changes into a gas.
- D It remains the same.



3 **Heat energy** can make water boil, causing the water to change states. Water evaporates into a _____.

- A solid
- B liquid



4 **Light** is a form of **energy**. **Light** is **energy** that travels _____.

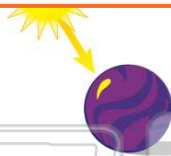
- A at different speeds
- B at very high speeds
- C at very slow speeds



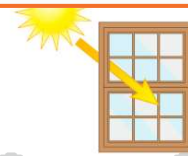
PREVIEW

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7 _____
A a glare
B a bright spot
C a shadow
D a mirror



- A murky
- B translucent
- C opaque
- D transparent



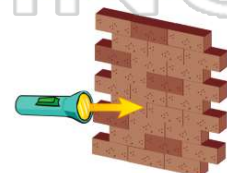
9 Some materials are _____, which means it allows light to pass through, but it's not clear.

- A translucent
- B opaque
- C transparent
- D clear



10 **Opaque** materials do not allow any light to pass through at all. What is an example of an **opaque** object?

- A brick wall
- B window
- C water
- D wax paper





ANSWER KEY

Heat energy cannot make matter change states.

- A true
- B false



(b)

Heat energy can cause water that is in a solid form change to a liquid state. **What does an ice cube do when it is heated?**

- A It melts.
- B It freezes.
- C It immediately changes into a gas.
- D It remains the same.



(a)

Heat energy can make water boil, causing the water to change states. **Water evaporates into a _____.**

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



(c)

Light is a form of **energy**. **Light** is **energy** that travels _____.

- A at different speeds
- B at very high speeds
- C at very slow speeds
- D through all matter



(b)



PREVIEW

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- B a bright spot
- C a shadow
- D a mirror



- B translucent
- C opaque
- D transparent



Some materials are _____, which means it **allows light to pass through, but it's not clear.**

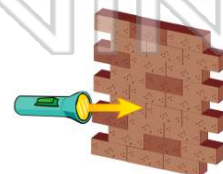
- A translucent
- B opaque
- C transparent
- D clear



(a)

Opaque materials do not allow any light to pass through at all. **What is an example of an opaque object?**

- A brick wall
- B window
- C water
- D wax paper



(a)