

1. The pieces of fabric from a shirt can be _____ to make bags or small coin purses.

- A washed
- B assembled
- C cooled
- D heated

2. How do you reuse old bricks from a dismantled brick wall?

- A Make a walkway
- B Build a brick waterfall
- C Build a brick fire pit
- D All of the above

3. A tray of water is placed into a freezer. What will happen to the water after three hours?

- A The water will remain as it is.
- B The water will turn into ice.
- C The water will turn into steam.
- D The water will change its shape.

4. The diagram shows the condition of an ice cube after it is left on a table for some time.

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3. A tray of water is placed into a freezer. What will happen to the water after three hours?

4. The diagram shows the condition of an ice cube after it is left on a table for some time.



Which of the following is correct?

- A The ice cube boils when the heat is removed.
- B The ice cube boils when the heat is added.
- C The ice cube melts when the heat is added.
- D The ice cube melts when its temperature decreases.

5. When water boils, it turns into _____.

- A a solid
- B steam

- C a liquid
- D a colorful gas

6. What will happen if a chocolate bar on a pan is heated?

- A It will boil.
- B It will melt.
- C It will become solid.
- D It will evaporate.

7. What happens to the egg white when it is cooked?

- A It turns from a yellow liquid into a yellow solid.
- B It turns from a yellow liquid into a white solid.
- C It turns from a clear liquid into a white solid.
- D It turns from a white solid into a clear liquid.

8. How does a metal become molten?

- A Cooling the metal below 0°C.
- B Heating the metal at 100°C.
- C Heating the metal at room temperature.
- D Heating the metal to a very high temperature

9. Liquid X turns into a solid when it is cooled. The solid can turn into a liquid again when it is heated. Which could be X?

- A Bread
- B Egg white
- C Water
- D Milk

10. Which material does not have a fixed shape and takes the shape of the container?

- A Water
- B Sugar
- C Chocolate bar
- D Ice

11. Heat can cause changes in _____ and _____ of a material.

- A shape; color
- B size; length

C height; length

D weight; height

12. What can you tell about sugar has been changed by heat?

A The sugar turns into a colorless liquid.

B The sugar becomes a red solid.

C The sugar boils and turns into a clear liquid.

D The sugar melts and its color changes to yellow and then brown.