



Name _____ Class _____ Date _____

1 To keep food fresh, a **refrigerator** _____ the food stored in it.

A adds coldness to
 B takes heat away from
 C makes ice to cool
 D takes moisture away from

2 Using the diagram below, predict the **state of matter** of the particles in **box 1**.

A solid
 B liquid
 C gas
 D porous

3 In the diagram below, the particles in **box 1** are **moving around** more and are more **scattered** than in the other boxes. What is the **temperature** inside of it?

4 Using the diagram below, predict which box or boxes would have the **lowest temperature** inside of it.

5

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

9 Use the formula to **convert** the Fahrenheit temperature to the temperature on the Celsius scale.

$^{\circ}\text{C} = \frac{5}{9} \times (^{\circ}\text{F} - 32)$

A 5°C C 15°C
 B 10°C D 20°C

10 This thermometer reads **95°F**. How much of a rise in degrees **Celsius** would be necessary to reach the temperature at which water boils?

$^{\circ}\text{C} = \frac{5}{9} \times (^{\circ}\text{F} - 32)$

A 100°C C 65°C
 B 212°C D 137°C



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