Temperature Units, Thermometer and its types Homework Test 1

Instructions for students: Follow your teacher's instruction. Also; you can attempt this test online and see your result.

1. Choose the best answer - Expansion in solids (2 m.)

Choose the best answer.

1. If the molecules of an object are moving or vibrating fast, the temperature would be …… .
   A) unknown
   B) remains constant
   C) cold
   D) hot

2. The amount by which volume of a material increases when the temperature is raised one degree is called the coefficient of.
   A) linear expansion
   B) superficial expansion
   C) volumetric expansion

2. Analogy - Temperature measurement (4 m.)

Choose the best answer:

Note: Analogies are test questions where a pair of words are given, and you are asked to choose another pair with the same relationship.

1. Conductor : Gold :: Insulator :
   A) Mercury
   B) Silver
   C) Copper
   D) Glass

2. Gasoline: Chemical reaction :: Brake on a car :
   A) Friction
   B) Electricity
   C) Combustion
   D) Burning

3. Problems on unit conversion 1 (6 m.)

1. What is the Fahrenheit temperature of a person with a 38.7 °C fever?
   °F.

2. A tungsten light bulb filament may operate at 3200 °K. What is its Fahrenheit temperature?
   °F.