

Name _____

How do Thermometers Measure Temperature?

Multiple Choice Questions

1. What type of thermometer uses the expansion and contraction of liquid to measure temperature?
 - a) Digital thermometer
 - b) Infrared thermometer
 - c) Liquid-in-glass thermometer
 - d) Thermocouple

2. Which part of a liquid-in-glass thermometer contains the liquid?
 - a) The narrow bore
 - b) The bulb
 - c) The scale
 - d) The glass tube

3. How do digital thermometers measure temperature?
 - a) They use infrared light
 - b) They use the expansion of liquid
 - c) They send an electric current through a sensor
 - d) They rely on the Seebeck effect

4. What is the main advantage of infrared thermometers?
 - a) They are very accurate
 - b) They can measure extreme temperatures
 - c) They measure temperature without touching the object
 - d) They are inexpensive

5. Where are thermocouples commonly used?
 - a) In cooking
 - b) In laboratories
 - c) In liquid-in-glass thermometers
 - d) In your ear

