

Name : _____

Topic: Science – Heat and Temperature

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DIRECTIONS: Write **T** if the statement is true and **F** if it is false.

- _____ 1. The sun is a main source of heat.
- _____ 2. Only burning fuels can cause heat.
- _____ 3. All heat sources are sources of light.
- _____ 4. Temperature is a measure of the degree of 'hotness' or 'coldness'.
- _____ 5. The boiling point of water has a higher temperature than the normal body temperature.
- _____ 6. In a laboratory thermometer, the mercury level rises as the temperature increases.
- _____ 7. To measure the temperature of a substance correctly, one must hold the bulb of the thermometer and dip the other end in the substance.
- _____ 8. A pyrometer is a device used to measure body temperature.
- _____ 9. Temperature is a form of energy.
- _____ 10. Mercury is poisonous.

DIRECTIONS: Write the letter of the correct answer on the blank.

- _____ 1. Which is the correct way in measuring temperature?
 - A. Stir the substance with the thermometer before reading.
 - B. Reading the temperature as the mercury moves.
 - C. Placing your eye at the same level as the mercury level when reading.


- _____ 2. Which is not an example of a thermometer?
 - A. X-Ray Thermometer
 - B. Clinical Thermometer
 - C. Laboratory Thermometer


- _____ 3. Which will not produce heat?
 - A. Using a hair dryer
 - B. Rubbing objects together
 - C. Melting ice

- _____ 4. A block of chocolate in a pan is placed on a stove. What can cause its temperature to go up?
 - A. The chocolate remains hard
 - B. The stove fire was turned on
 - C. The stove fire was turned off



DIRECTIONS: Write down the temperature readings on each thermometer.

1.  Temperature = _____

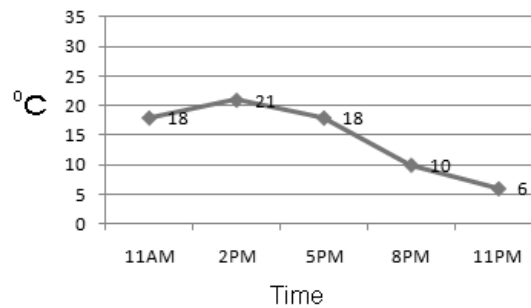
2.  Temperature = _____

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DIRECTIONS: Refer to the line graph. Write the letter of the correct answer on the blank.

The weather agency is monitoring the weather conditions. The line graph below shows the trend of the temperature in Baguio City.



- _____ 1. What is the temperature in Baguio city at 5pm?
 - A. 21°C
 - B. 18°C
 - C. 16°C

- _____ 2. At what time was the lowest temperature recorded?
 - A. 5 PM
 - B. 11 PM
 - C. 2 PM

- _____ 3. At how many intervals was the agency monitoring the temperature?
 - A. 2 hours
 - B. 4 hours
 - C. 3 hours

- _____ 4. What can be concluded from the data?
 - A. The city has many visitors.
 - B. It was cold in Baguio City that day.
 - C. The people in the city do not have fever.