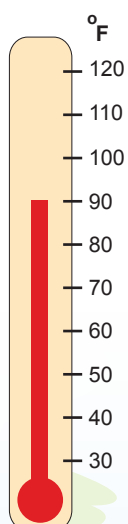
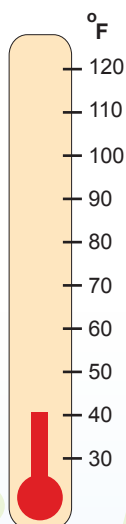


Name: \_\_\_\_\_ Class: \_\_\_\_\_

## scientific methods

1. Doriane wants to find out the eating habits of rats. Which of the following questions should she ask ?
  - a: can they live in a desert ?
  - b: is a rat carnivore or an omnivore ?
  - c: what is the lifespan of a rat ?
  - d: can rats swim ?
2. What is a hypothesis ?
  - a: a widely accepted fact
  - b: an idea about something or phenomenon that can be tested
  - c: an idea that can be tested
  - d: a prediction about something that cannot be tested
3. Identify which two of the following comply with a scientific method.
  - a: daily observation of noon temperatures of a city
  - b: faking results of a lab test
  - c: exaggerating readings of an experiment
  - d: developing and testing a hypothesis using standard procedures in a lab
4. Which of the following can you use a microscope for ?
  - a: measuring the height of a plant
  - b: weighing a salt sample
  - c: looking at cells of a plant leaf
  - d: observing the speed of an animal
5. Freddy turned on the heater of his room. At the start, the thermometer indicated that the room was cold. Which of the two thermometers indicates room temperature before heating ? By how many degrees did the temperature increase ?



1. b: is a rat carnivore or an omnivore ?

2. c: an idea that can be tested

3. a: daily observation of noon temperatures of a city

d: developing and testing a hypothesis using standard procedures in a lab

4. c: looking at cells of a plant leaf

5. First thermometer    50°F