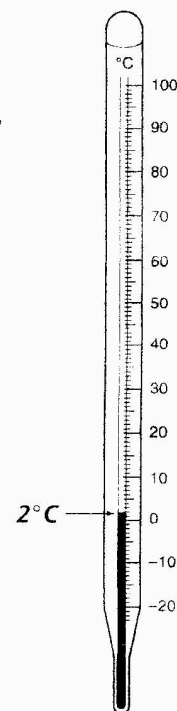
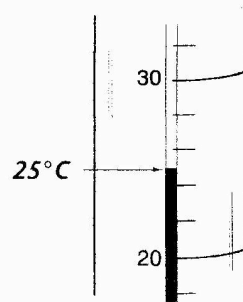
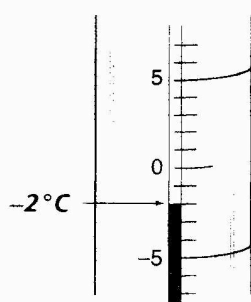
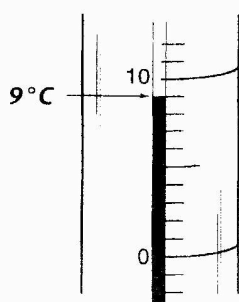


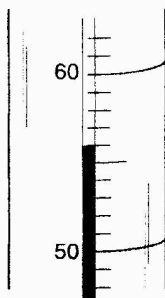
Science Skills 6

Reading a Thermometer

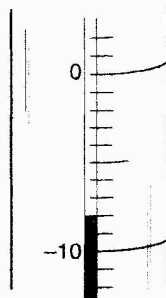
Temperature is a measure of how hot or cold something is. In science, you will measure temperature with a Celsius thermometer like the one at the right. The correct unit for readings on this thermometer is $^{\circ}\text{C}$. As you read the temperatures in the first three diagrams below, notice which thermometer marks are labeled and unlabeled, and determine what the unlabeled marks represent. Also, always check whether you are reading temperatures above or below zero. Temperatures below zero should be shown with a minus sign.



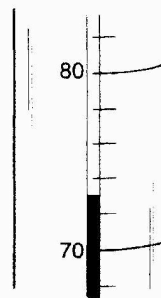
What temperature is shown in each of the diagrams below?



1. _____



2. _____



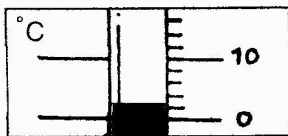
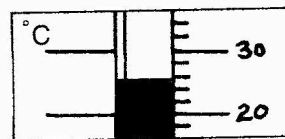
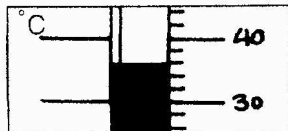
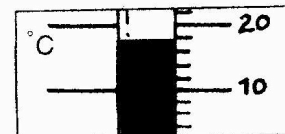
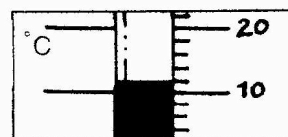
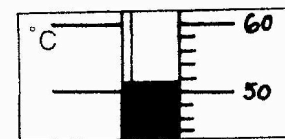
3. _____

4. Suppose that at 9:00 A.M. the temperature of a room is 18°C , and at noon it is 24°C . What was the increase in temperature? _____

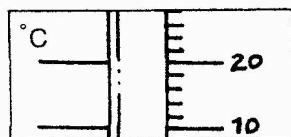
5. If you add ice to water that is at 65°C and the water temperature drops to 40°C , what was the temperature decrease? _____

DIRECTIONS

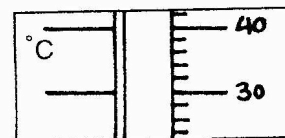
Read each thermometer, and write the temperature shown in Celsius degrees.

6.**7.****8.****9.****10.****11.****DIRECTIONS**

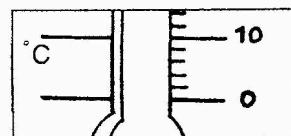
Fill in each thermometer to show the temperature written.

12.

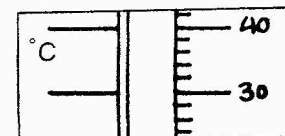
15° C

13.

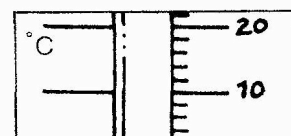
34° C

14.

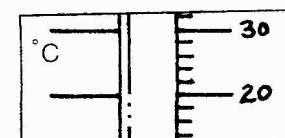
0° C

15.

28° C

16.

7° C

17.

20° C