



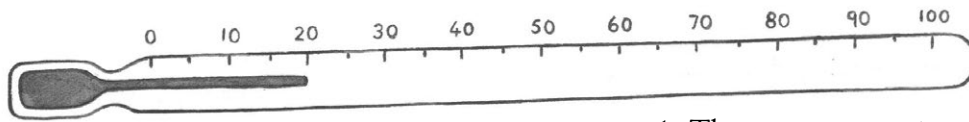
Is it hot?

Background knowledge

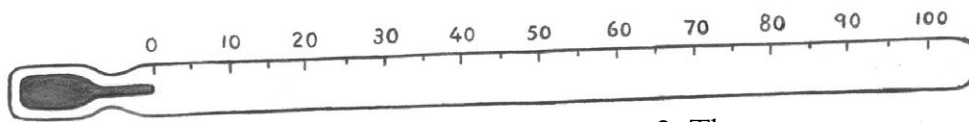
Thermometers are used to measure how hot things are. The hotness of an object is called its temperature. Many thermometers measure temperature in units called Celsius. Scientists use Celsius thermometers. The temperature of an object is written in degrees Celsius using the symbol °C. Water freezes at 0°C and boils at 100°C. Your body's normal temperature is 37°C

Science activity

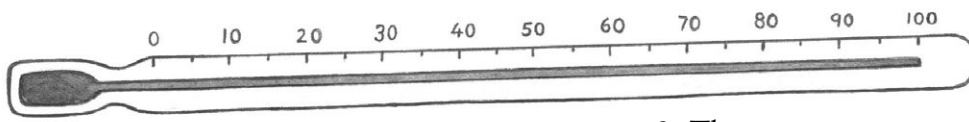
Write the correct temperatures underneath each thermometer.



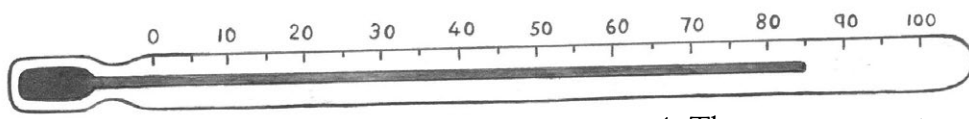
1. The temperature is°C.



2. The temperature is°C.



3. The temperature is°C.



4. The temperature is°C.

Which thermometer shows the temperature at which water freezes?

Which thermometer shows the temperature at which water boils?

Science investigation

Use a Celsius thermometer to take the temperature of the different rooms in your home. Take the temperature in the same room in different places. Does the temperature vary? Organize your information in a data table. What can you conclude about the temperature in your home?



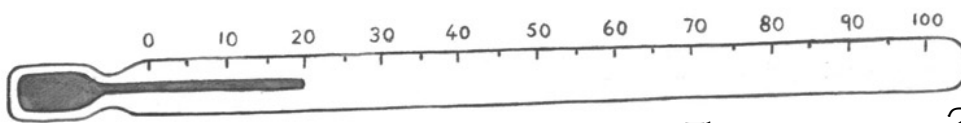
Is it hot?

Background knowledge

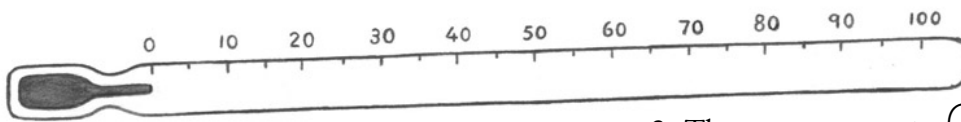
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Science activity

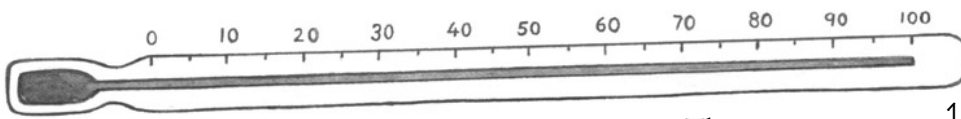
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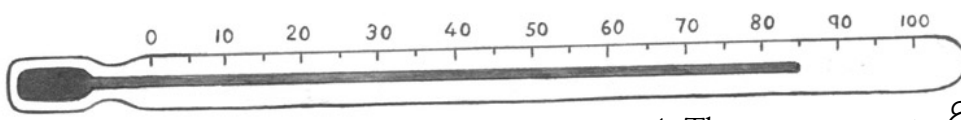
1. The temperature is 20.....°C.



2. The temperature is 0.....°C.



3. The temperature is 100.....°C.



4. The temperature is 85.....°C.

Which thermometer shows the temperature at which water freezes? 2.....

Which thermometer shows the temperature at which water boils? 3.....

Science investigation

The temperature in the rooms should vary. Since cold air is denser than warm air, temperature taken by the floor will be lower than the temperature taken closer to the ceiling. Rooms upstairs will tend to be warmer for the same reason.