Name _____

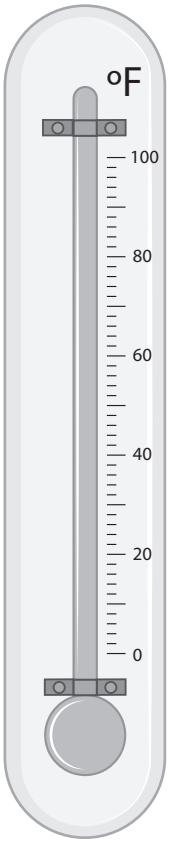
Learning Target: Read temperatures from thermometers to the nearest degree.

Success Criteria:

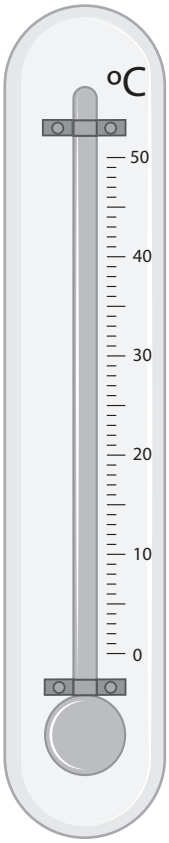
- I can read a temperature to the nearest degree Fahrenheit.
- I can read a temperature to the nearest degree Celsius.

Explore and Grow

Color to show the temperature.



80°F



22°C

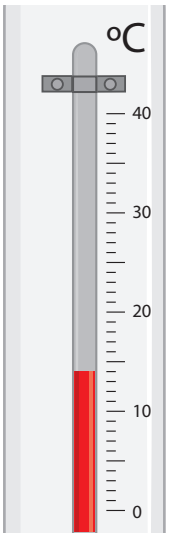
MP **Precision** How is a thermometer like a number line? How did you color to show each temperature?

Think and Grow: Read Temperatures from Thermometers

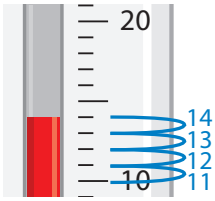
Temperature can be measured in **degrees Fahrenehit (°F)** using the **Fahrenheit scale** or in **degrees Celsius (°C)** using the **Celsius scale**. The symbol ° means degrees.

Thermometer

Example What temperature does the thermometer show?

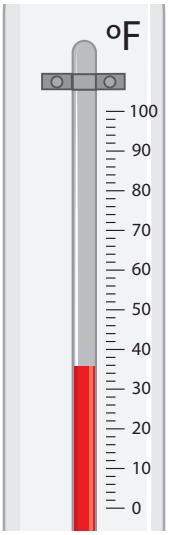


The top of the red bar is between 10°C and 20°C. The tick marks go by 1s. Starting at 10, count on by 1s until you reach the top of the red bar.

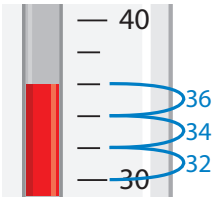


So, the temperature is _____.

Example What temperature does the thermometer show?



The top of the red bar is between 30°F and 40°F. The tick marks go by 2s. Starting at 30, count on by 2s until you reach the top of the red bar.



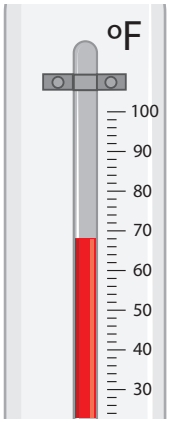
So, the temperature is _____.

Show and Grow

Don't forget the units!

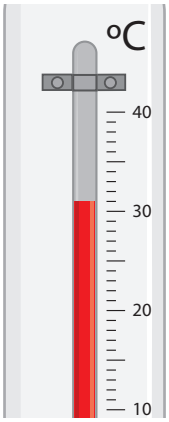
Write the temperature shown by the thermometer.

1.



The temperature is _____.

2.



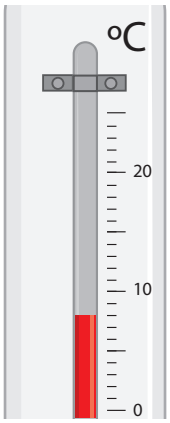
The temperature is _____.

Name _____

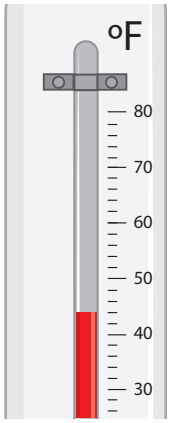
Apply and Grow: Practice

Write the temperature shown by the thermometer.

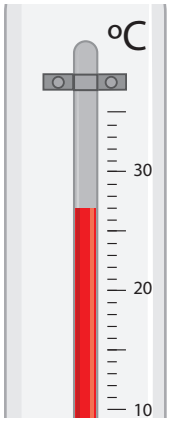
3.



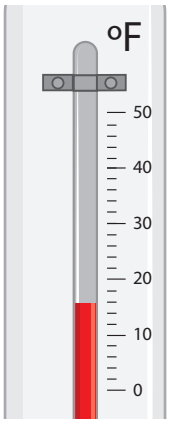
4.



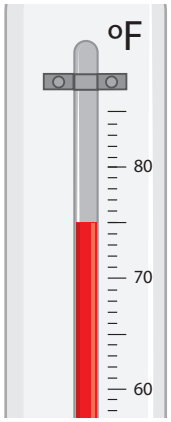
5.



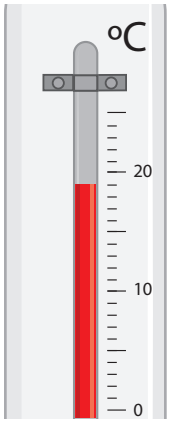
6.



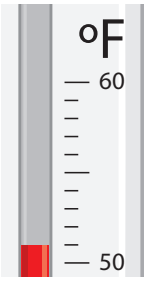
7.



8.



9. **YOU BE THE TEACHER** Your friend says the temperature is 52°F. Is your friend correct? Explain.



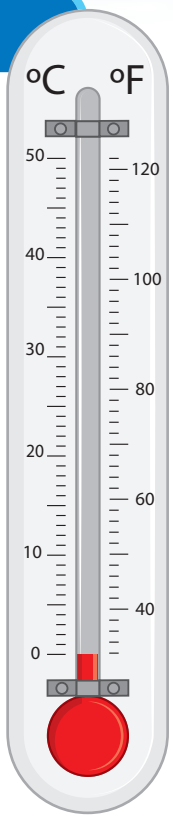
10. **DIG DEEPER!** A *thermostat* controls indoor heating and cooling systems. Write the temperatures shown by the thermostat.

Temperature setting: _____

Indoor temperature: _____

Think and Grow: Modeling Real Life

The temperature is 32°F at 8 A.M. The temperature increases 17°F by 3 P.M. Show the temperature at 3 P.M. Then write the temperature in degrees Fahrenheit and in degrees Celsius.



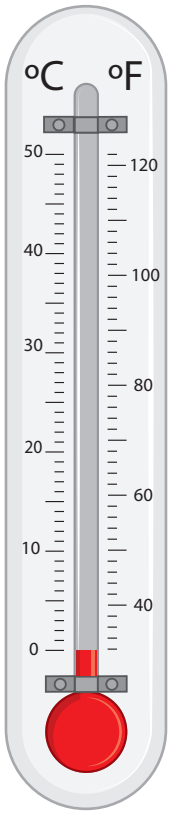
You can read both Celsius and Fahrenheit temperatures on this thermometer.

The temperature at 3 P.M. is _____,

or about _____.

Show and Grow

11. The temperature is 38°C at 8 P.M. and decreases 15°C over the next three hours. Show the temperature at 11 P.M. Then write the temperature in degrees Celsius and in degrees Fahrenheit.



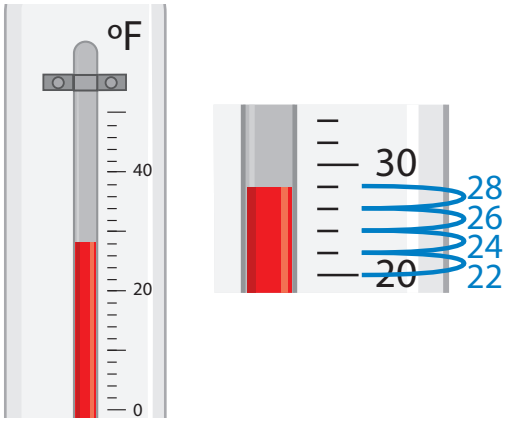
12. DIG DEEPER! It is 80°F in City A and 25°C in City B. In which city is it warmer? Explain.

Name _____

Homework & Practice

Learning Target: Read temperatures from thermometers to the nearest degree.

Example What temperature does the thermometer show?

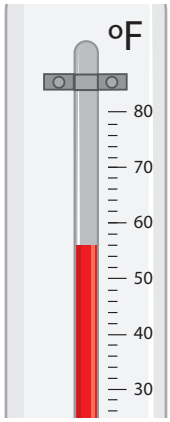


The top of the red bar is between 20°F and 30°F. The tick marks go by 2s. Starting at 20, count on by 2s until you reach the top of the red bar.

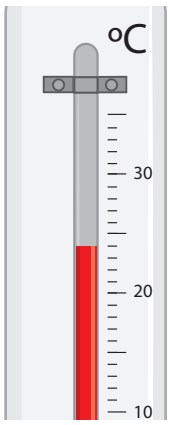
So, the temperature is 28°F .

Write the temperature shown by the thermometer.

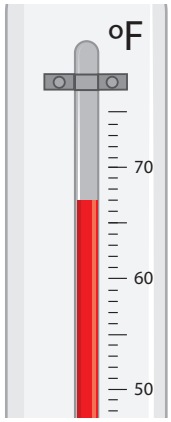
1.



2.

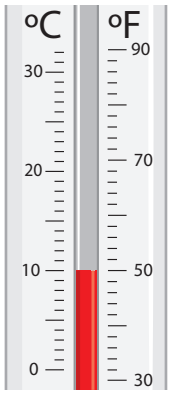


3.

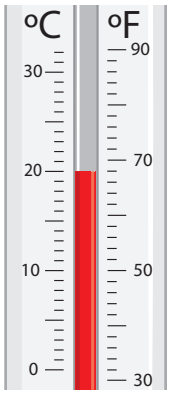


Write the temperatures shown by the thermometer in degrees Fahrenheit and in degrees Celsius.

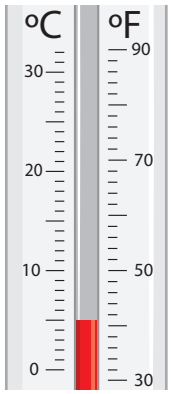
4.



5.



6.



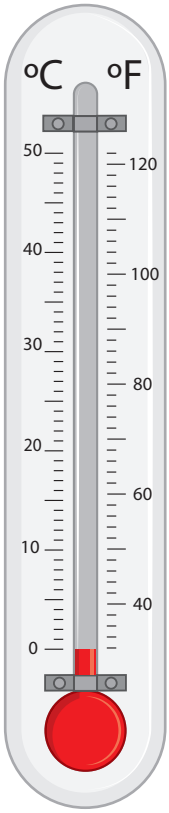
7. **YOU BE THE TEACHER** The temperature inside a building is 22°C. The temperature outside the building is 22°F. Is Newton's statement correct? Explain.

8. **Modeling Real Life** Choose the correct temperature for the picture shown.

32°F 80°F

Modeling Real Life The temperature in City A is 30°C. The temperature in City B is 10°C greater than in City A.

9. Show the temperature in City B. Then write the temperature in degrees Celsius and in degrees Fahrenheit.



10. A heat index warning may be issued when the temperature is greater than 90°F. Is a heat index warning possible in either city? Explain.

Review & Refresh

11. There are 4 stacks of cards with 9 cards in each stack. You divide all of the cards equally among 6 players. How many cards does each player get?