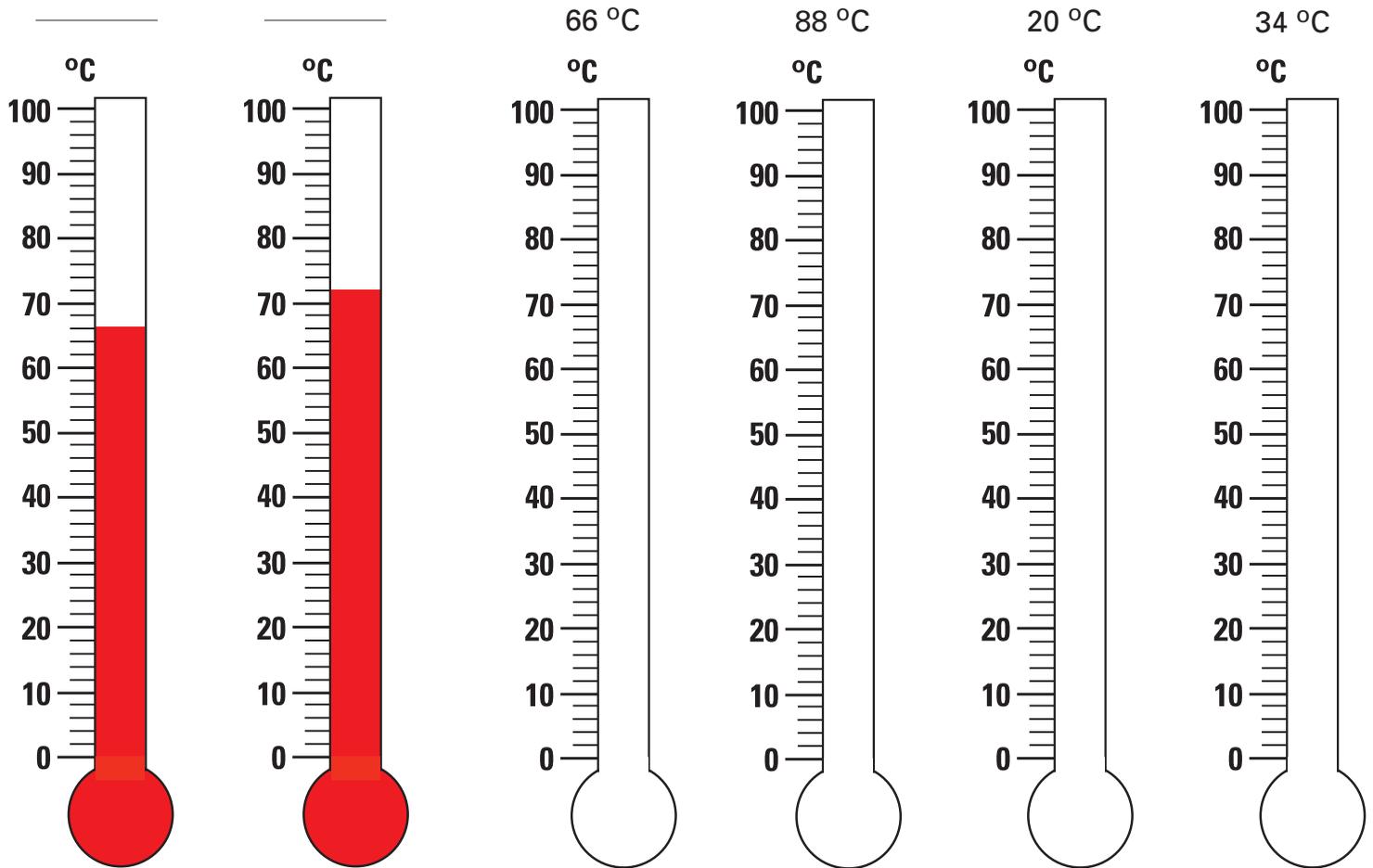


Name \_\_\_\_\_ Date \_\_\_\_\_

## Reading Thermometers

Find the temperature.

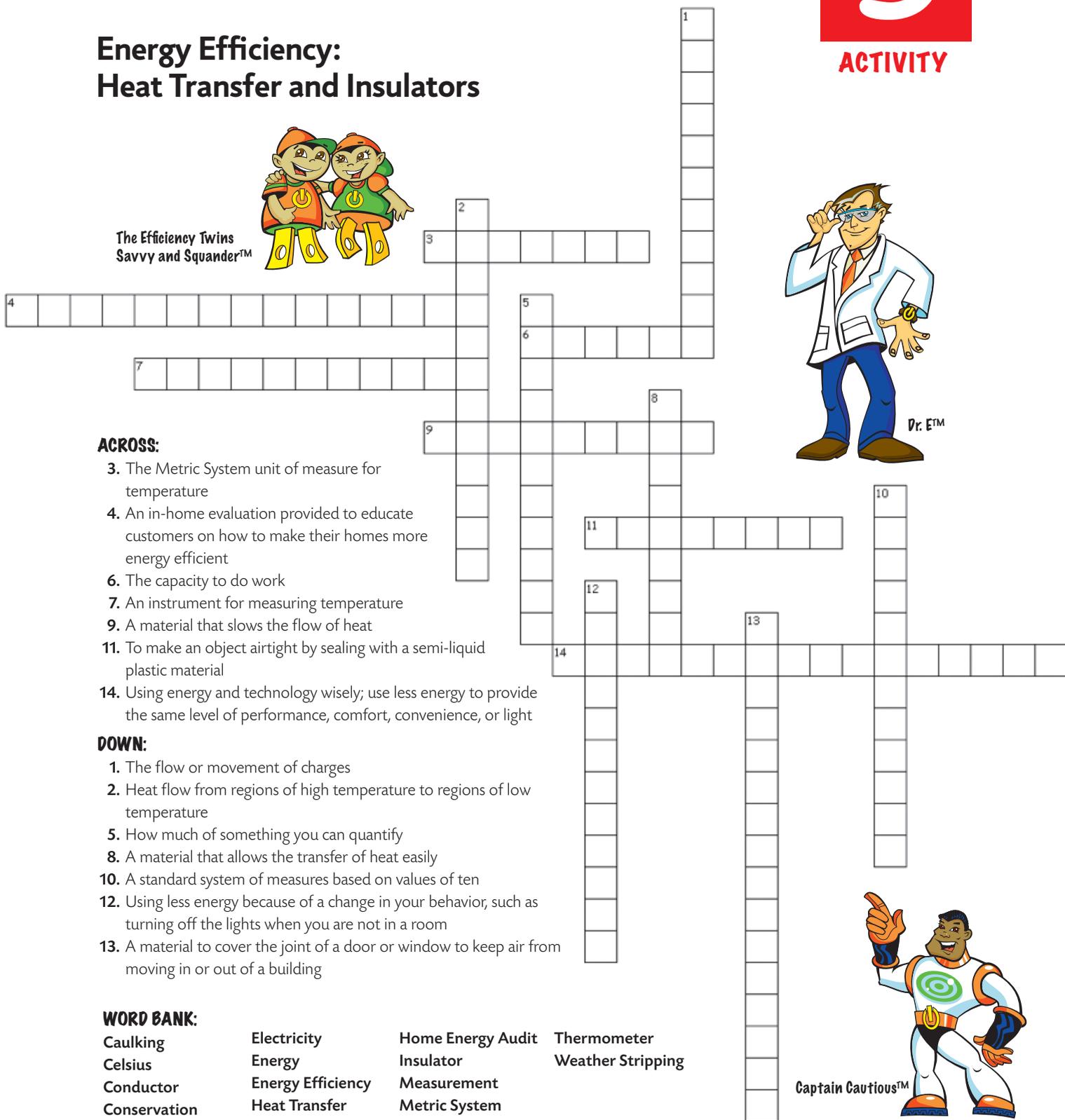
Color the thermometers to show the temperature.



1. Which would be an appropriate temperature setting while at home during the summer? Would it be 78° F or 68° F?

2. Which would be an appropriate temperature setting while at home during the winter? Would it be 78° F or 68° F?

## Energy Efficiency: Heat Transfer and Insulators

**ACROSS:**

- The Metric System unit of measure for temperature
- An in-home evaluation provided to educate customers on how to make their homes more energy efficient
- The capacity to do work
- An instrument for measuring temperature
- A material that slows the flow of heat
- To make an object airtight by sealing with a semi-liquid plastic material
- Using energy and technology wisely; use less energy to provide the same level of performance, comfort, convenience, or light

**DOWN:**

- The flow or movement of charges
- Heat flow from regions of high temperature to regions of low temperature
- How much of something you can quantify
- A material that allows the transfer of heat easily
- A standard system of measures based on values of ten
- Using less energy because of a change in your behavior, such as turning off the lights when you are not in a room
- A material to cover the joint of a door or window to keep air from moving in or out of a building

**WORD BANK:**

Caulking	Electricity	Home Energy Audit	Thermometer
Celsius	Energy	Insulator	Weather Stripping
Conductor	Energy Efficiency	Measurement	
Conservation	Heat Transfer	Metric System	

