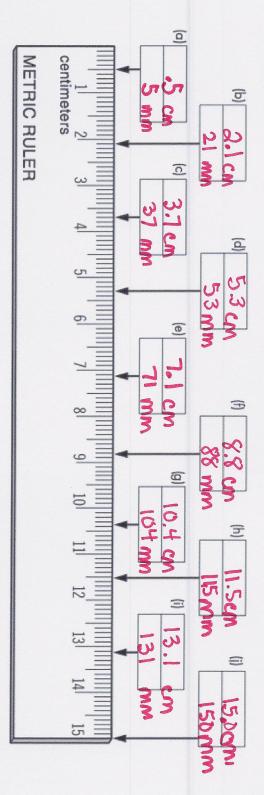
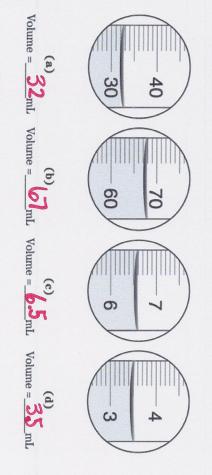
Now it's your turn to practice measuring with a metric ruler. In each box below, write the answers below. length from the zero edge to each arrow in both centimeters and millimeters. Check your



You Try It!

. The following pictures show water in different graduated cylinders. What would be the correct measurement (in milliliters) for each picture? Record your answer in the space provided below each picture. Check your answers below after writing the four measurements.



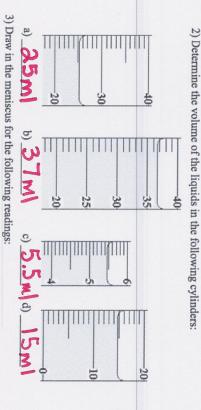
Note: If additional precision is desired, you can estimate an additional digit between the marks. For example, the bottom of the meniscus of cylinder (d) is a little less than halfway between 3.4 and 3.5. So, the next digit could be estimated and added to the reading, about 3.43 mL.

a) 49.21 mL

b) 18.2 mL

c) 27.65 mL

d) 63.8 mL



Think Celsius

temperatures in degrees Fahrenheit are shown on correct descriptions on the left. To help you, the side of the thermometer (in degrees Celsius) to the Draw lines to join the temperatures on the right the left side of the thermometer.



a) "It's hotter than a firecracker outside today."

b) "This room feels comfortable - not too hot and not too cold."

- 82.5°C

c) Isopropyl (rubbing) alcohol boils at this

C181°F —

- 55°C

d) "This is sweater weather!"

37°C

- e) "Hey, the water on the stove is boiling."
- OL 90"F -B 70"F - 32°C
- Ice cream stays hard at this temperature.
- Q 50"F -- 10°C 21°C
- g) "There are icicles on my nose!"

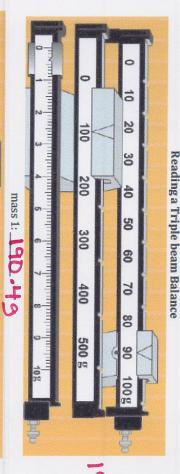
h) "Ouch - that water's hot!"

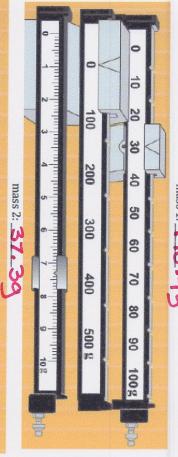
1 32°F -

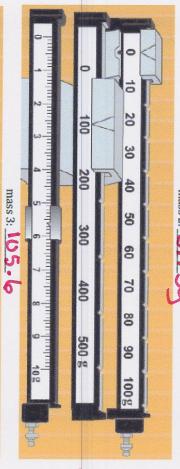
-0°C

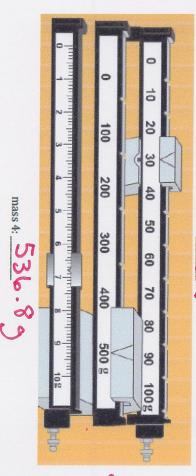
i) This is normal body temperature.











Finding Temperature

