

## TOOLS THE SCIENTIST USE

A carpenter needs a hammer and a saw. A mechanic needs a wrench and a screwdriver. The scientist needs his or her tools as well. The scientist tools must be able to measure time, weight, temperature, or length accurately or the the data the scientist give cannot be trusted. The scientist use rulers or measuring tape or laser, to check length; thermometers, to find temperature; and a microscope or telescope, to magnify things.

Here are some questions to test how well you know about the tools the scientist use.

1. Scientists use this to measure distance.

- rulers       lasers       the metric system       all of the above

2. What do microscopes and telescopes have in common?



- A. They both use lasers.  
B. They both contain lenses.  
C. They are both used to see tiny objects.  
Both B and C

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

3. The Celsius scale is used for measuring \_\_\_\_\_.

- weight       temperature       distance       the size of bacteria

4. Which should a scientist use to measure the height of these tall trees? Why?



- A measuring tape is easier. The scientist would just have to climb to the top of the tree.
- A laser beam is easier. The scientist can point a laser at the top to get the measurement.