

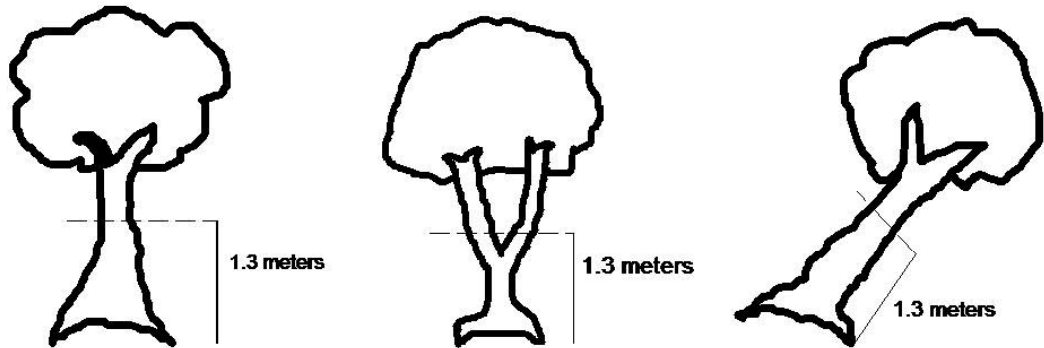
Name \_\_\_\_\_

Date \_\_\_\_\_

### Measuring Tree DBH (Diameter at Breast Height)

Scientists measure the diameter of trees at **1.3 meters** ~ the breast height of the average person. They use this to monitor the growth of the tree.

Here are some rules for finding the **DBH** of your tree.



- First you have to find the circumference ~ the distance around the trunk.
- Make sure you keep your measuring tape level as you go around the tree!
- If your tree splits under 1.3 meters measure each side separately.
- If your tree is leaning measure your 1.3 meters against the tree.

Now you are ready to measure!

Use your tape to measure the circumference of your tree. Remember scientists use centimeters!

Now use the circumference to find the diameter ~

$$\text{Diameter} = \text{Circumference} \div 3.14 (\text{pi})$$

The DBH of my tree is \_\_\_\_\_ centimeters.