

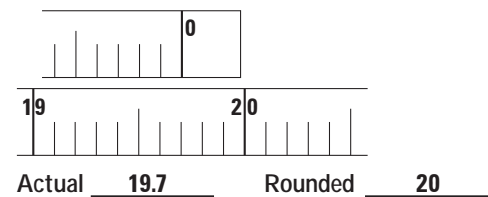
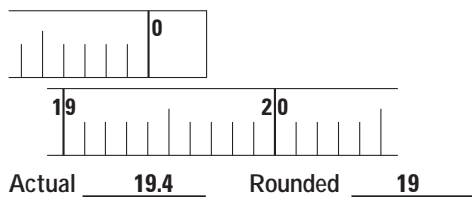
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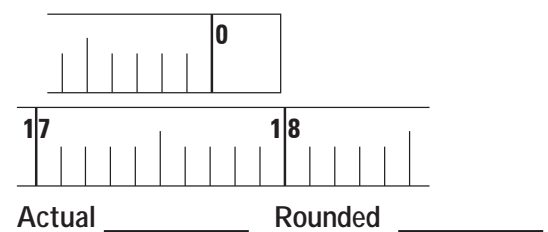
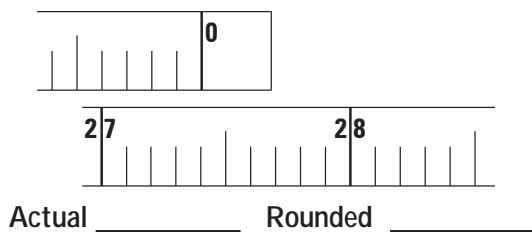
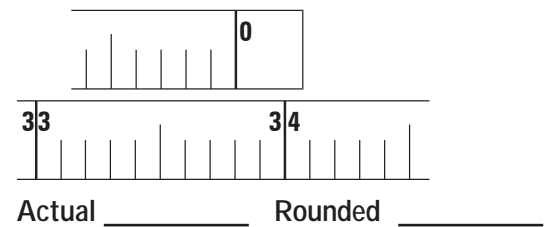
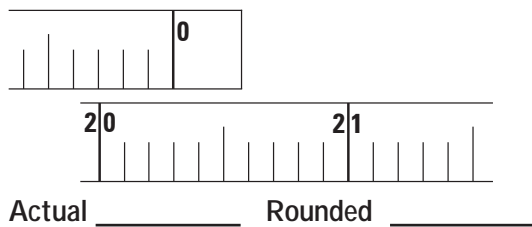
Diameter tapes or combination logger's tapes are commonly used by foresters to measure tree diameters for volume calculations. Diameter at Breast Height (DBH) measurements are taken 4.5 feet from the ground and are measured in feet and inches. This is commonly referred to as the DBH (Diameter Breast Height). If you were taking measurements on a human, this would be comparable to their waist size.

**INSTRUCTIONS:** Included below are DBH measurements from a sample set of trees. All measurements are taken and recorded in inches and tenths. When the logger's tape is wrapped around the tree at the 4.5 foot mark, the measurement is taken where the zero line meets the numbered line. That number is rounded up or down to the nearest whole inch. For instance, if an actual measurement equals 19.4, it is rounded down to 19 inches. Or, if a measurement reaches 19.7, then it is rounded up to 20 inches.

**Example:**



In the spaces below, record the actual measurement and the rounded DBH for each tree.



If you have a diameter or logger's tape, find a group of at least four trees and measure their actual and rounded tree diameters. Indicate where each tree is located and whether it is a pine or hardwood tree.

1. Location \_\_\_\_\_ Species \_\_\_\_\_ Actual \_\_\_\_\_ Rounded \_\_\_\_\_
2. Location \_\_\_\_\_ Species \_\_\_\_\_ Actual \_\_\_\_\_ Rounded \_\_\_\_\_
3. Location \_\_\_\_\_ Species \_\_\_\_\_ Actual \_\_\_\_\_ Rounded \_\_\_\_\_
4. Location \_\_\_\_\_ Species \_\_\_\_\_ Actual \_\_\_\_\_ Rounded \_\_\_\_\_