

WORKSHEET #1 - TREE MEASUREMENT

NAME: _____

1. In order to assess a tract of timber, foresters conduct a survey, or _____, to estimate its quantity by species, products, size, quality, or other characteristics.
2. A _____ is a tool used to measure both tree diameter (girth) and height.
3. A _____ is used to get a more accurate measurement of tree diameter.
4. In order to measure the diameter of a tree, the forester takes the measurement at "dbh", which stands for _____.
5. "dbh" is _____ feet above the ground.
6. A _____ is another instrument used to measure tree height.
7. In order to measure the height of a tree, the forester must stand a certain distance from the tree. Typically, the forester will walk one "chain" from the tree, which is _____ in length.
8. Once tree height is known, the forester can determine how many "logs" are in the tree. A "log" is defined as a _____ long section of a tree.
9. After determining the diameter and height of a tree, the forester can use a _____ to determine the volume of wood in the tree.
10. The term used to denote the volume of wood in a tree is _____, and is a piece of wood 12 inches square and 1 inch thick.