

Tree Biology – Questions¹⁸

1. What's the difference between a tree and a shrub?
2. Name five specialized parts of a tree. Describe the function of each.
3. Name the different parts of a tree cross section. Identify the function of each.
4. What special cells do leaves have? What exits and enters leaves through these cells?
5. Define photosynthesis and then draw a diagram of the process.
6. Explain the difference between primary and secondary growth.
7. During what months are root and shoot growth most active?
8. How does a tree increase in diameter?
9. List the characteristics of broadleaf and coniferous trees.

Broadleaf	Coniferous
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10. What types of wood do broadleaf and coniferous trees have?
11. What are the two methods by which trees reproduce?

¹⁸ Source: *Exploration of Oregon Forests: Module 2 – Tree Biology*. Developed by Julie Woodward based on the Oregon State University Forestry Extension’s *Basic Forestry Shortcourse*.