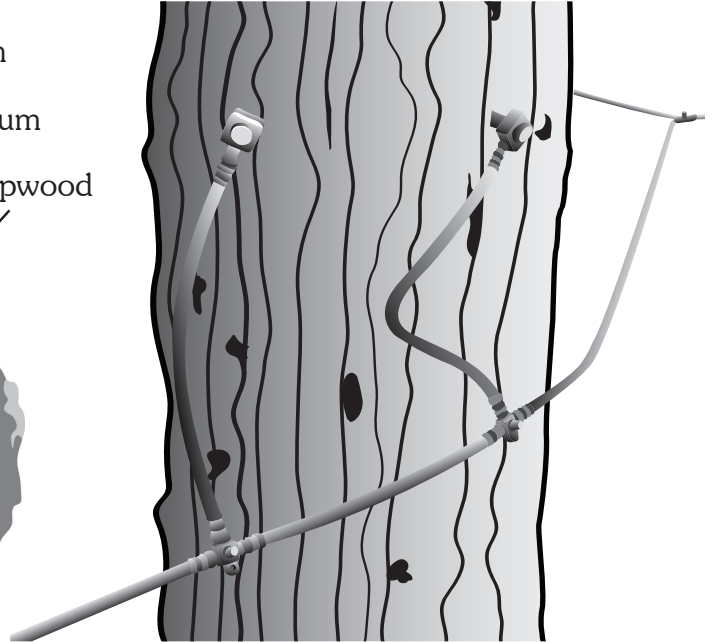
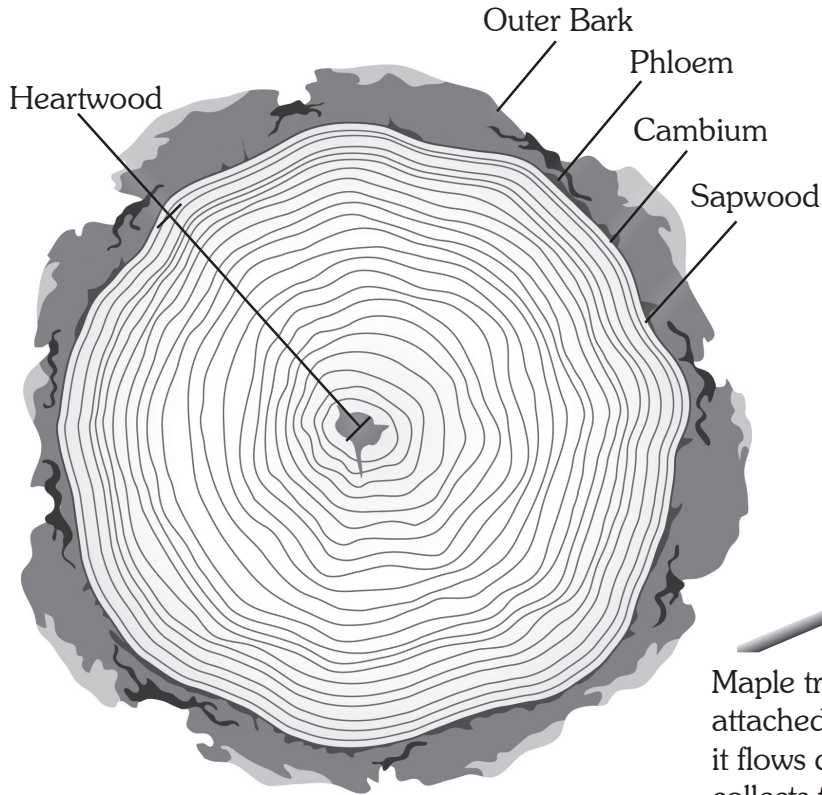


Pancakes and Syrup

Name: _____



Maple trees are tapped with small spigots that are attached to hoses. As the sap drips out of the tree, it flows down one hose and into another hose that collects the sap from many other trees and takes it to a large tank.

Instructions: Listen closely as your teacher reads two paragraphs to you about the harvesting of maple syrup. As you listen, follow along in the paragraphs below and fill in the blanks with the correct word from the box.

trunk	cold	warm	sapwood	40	heated	chemical
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Sap is sugar that is stored in the _____ of the tree during the year. Sap flow requires _____ nights (below freezing) followed by _____ days. When a hole is drilled into the _____, the sap flows out of the tree. It takes approximately _____ gallons of sap to produce one gallon of syrup.

In the sugar house, the sap is _____ on a stove. This causes the water in the sap to steam off, condensing the sap, and creating a sweet maple flavor and a dark color not present before heating. This is a _____ change.