

## **Carpentry & Building Construction**

### **Chapter 12 Wood as a Building Material**

#### **Section 12.1 Assessment Answers**

1. Softwoods are those that come from coniferous trees, which produce their seeds in cones and have needlelike or scalelike leaves. Hardwoods are cut from broad-leaved, deciduous trees. A deciduous tree is one that sheds its leaves annually, during cold or very dry seasons.
2. It has a low tendency to warp, shrink, or swell; provides a more durable surface than flat-sawn lumber; and holds paints and finishes better.
3. KD lumber is kiln-dried lumber.
4. Lumber will pick up or lose moisture until it reaches a balance with the surrounding air.
5. 50mm

#### **Section 12.2 Assessment Answers**

1. Between 70° F and 85° F.
2. The presence of moisture.
3. The heartwood is the most decay resistant.
4. Subterranean termites build tubes over foundation walls, in cracks, or on pipes or supports leading from the soil into the house. Dry-wood termites fly directly to the wood instead of building tunnels from the ground. They chew across the grain of the wood and excavate broad pockets, or chambers. Subterranean termites do the most damage.
5. Answers will vary.