

**HASKELL**  
America's Design-Build Leader

# Carpentry Level One



Building Materials, Fasteners, and Adhesives 27102-13



## Section 1.0.0

1. In the cross section of a tree, one year of tree growth is represented by one \_\_\_\_\_.
  - a. cambium layer
  - b. medullary ray
  - c. annular ring
  - d. lignin



## Section 1.0.0

2. Which of the following defects do *not* occur naturally in wood?
- a. Shakes
  - b. Pitch streaks
  - c. Knots
  - d. Torn grain



## Section 1.0.0

3. The process through which concrete hardens by the reaction between water and cement is known as \_\_\_\_\_.
- a. hydration
  - b. calculation
  - c. regeneration
  - d. formation



## Section 1.0.0

4. The panel product that will *not* support combustion and will *not* burn is \_\_\_\_.
- a. plywood
  - b. particleboard
  - c. OSB
  - d. mineral fiberboard



## Section 1.0.0

5. The type of plywood with a hard, resin-impregnated fiber overlay heat-bonded to both surfaces is \_\_\_\_\_.
- a. hardwood plywood
  - b. medium-density overlay plywood
  - c. high-density overlay plywood
  - d. hardboard



## Section 2.0.0

6. A potential for harm, often associated with a condition or activity that, if left uncontrolled, could result in an injury or illness, is referred to as a(n) \_\_\_\_\_.
- a. experience modification rate
  - b. hazard
  - c. accident
  - d. job hazard analysis



## Section 2.0.0

7. When moving lumber manually, do *not* pile lumber more than \_\_\_\_\_ feet high.
- a. two
  - b. three
  - c. four
  - d. six





## Section 3.0.0

8. To prevent corrosion, light-gauge steel framing members are typically \_\_\_\_\_.
- a. painted
  - b. galvanized
  - c. lacquered
  - d. recycled



## Section 3.0.0

9. When loading and unloading materials, to assist in your task use your \_\_\_\_\_.
- a. upper back muscles
  - b. arm muscles
  - c. leg muscles
  - d. lower back muscles



## Section 4.0.0

10. Four pieces of lumber measuring 2" thick, 12" wide, and 8' long contains a total of \_\_\_\_\_ board feet.

- a. 16
- b. 64
- c. 256
- d. 768



## Section 4.0.0

11. Multiply the thickness, width, and length to determine the \_\_\_\_\_.

- a. area
- b. volume
- c. diameter
- d. circumference



## Section 5.0.0

12. When fastening light-gauge steel framing members to one another and when fastening other building materials to the framing members use \_\_\_\_\_.

- a. wood screws
- b. lag bolts
- c. sheet-metal screws
- d. machine screws



## Section 5.0.0

13. A small barrel-shaped head with a slight indentation in the top to receive a nail set is known as a \_\_\_\_\_.

- a. common nail
- b. box nail
- c. finish nail
- d. roofing nail



## Section 5.0.0

14. The type of bolt with a square shank, which allows the nut to be tightened without the bolt turning, is a \_\_\_\_\_.

- a. stove bolt
- b. machine bolt
- c. lag bolt
- d. carriage bolt



## Section 5.0.0

15. An epoxy anchoring system consists of two parts: a catalyst and a(n) \_\_\_\_\_.

- a. resin
- b. hardener
- c. adhesive
- d. glue





## Wrap Up

In a large-group discussion, reveal your favorite and least favorite parts of this module. Also discuss if you encountered any trouble areas on the exam.

Next Lesson: Hand Tools  
Review Sections 1.0.0–1.5.0

