

Assessment

Circle the letter that corresponds to the correct answer.

1. Which of the following is a hardwood?
 - a. Ash
 - b. Cedar
 - c. Pine
 - d. Redwood

2. Softwood that has a nominal thickness ranging from 2 in. to 5 in. is called:
 - a. Boards
 - b. Dimensional lumber
 - c. Stock
 - d. Timbers

3. Lumber that has been surfaced on all sides and one edge is designated:
 - a. G1S
 - b. G2S
 - c. S2S1E
 - d. S4S1E

4. Which grade is the lowest quality for softwood used for finishing?
 - a. A
 - b. B
 - c. C
 - d. D

5. Which hardwood grade is the best quality?
 - a. Selects
 - b. Firsts and Seconds
 - c. Number 1 Common
 - d. Number 2 Common

6. In a board measurement of 2" x 6" x 16', what does the 6" measurement refer to?

- a. Height
- b. Length
- c. Thickness
- d. Width

7. Which softwood plywood grade is the best quality?

- a. N
- b. C
- c. B
- d. A

8. Plywood is measured and sold by the:

- a. board foot
- b. linear foot
- c. running foot
- d. square foot

Match the description in column B to the correct structural metal in column A.

A	B
_____ 9. Round	a. Shaped like a C
_____ 10. Angle iron	b. Two legs that form a 90-degree angle
_____ 11. Flats and strips	c. Shaped like a tube
_____ 12. Channel iron	d. Bar of solid metal
_____ 13. Steel pipe	e. Flat pieces of metal

Complete the following short-answer questions.

14. Define the following terms relating to lumber.

- a. Softwood -
- b. Hardwood -
- c. Nominal size -
- d. Actual size -

15. List three ways that softwood is classified.

- a.
- b.
- c.

16. Calculate the board feet of the following lumber:

- a. Seven boards measuring $1\frac{1}{2}'' \times 4'' \times 12'$ = _____ bd ft
- b. Two boards measuring $2'' \times 6'' \times 8'$ = _____ bd ft

17. Calculate the total cost of the following lumber:

- a. Five boards measuring $1'' \times 8'' \times 18'$ and priced at \$0.40 per board foot = _____ total cost
- b. Three boards measuring $2'' \times 6'' \times 8'$ and priced at \$0.32 per board foot = _____ total cost