

Name:

Class:

Date:

Lesson 7.5: Agricultural Design and Fabrication

Lesson Review

Carefully study the lesson and then answer the following questions.

1. The most important phase of any project is the ____ phase. (7.5.0)

- A. project
- B. fabrication
- C. sketch
- D. design

Answer:

2. List the four steps in the design phase. (7.5.1)

Answer:

3. Explain the difference between a sketch and a formal drawing. (7.5.2)

Answer:

Match the type of drawing to the definition.

A. Assembly drawing

B. Detail drawing

C. Orthographic drawing

D. Orthographic projection

E. Pictorial drawing

F. Sectional drawing

4. Shows how an object would look if a cut were made through the object (7.5.2)

Answer:

5. Shows a likeness of the object as viewed by the human eye (7.5.2)

Answer:

6. Includes views of the product with dimensions and other important information (7.5.2)

Answer:

7. An object drawn as a two-dimensional drawing (7.5.2)

Answer:

8. Shows how the components of a project fit together (7.5.2)

Answer:

9. Shows all surfaces on an object projected onto flat planes (7.5.2)

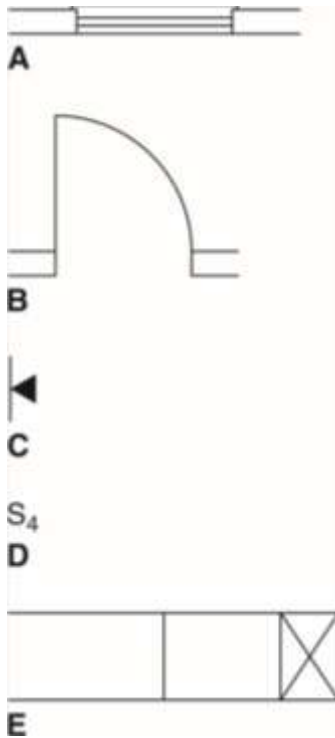
Answer:

10. The relationship between the size of the object in the drawing and the size of the actual constructed object is called the _____. (7.5.2)

- A. scale
- B. dimension
- C. orthographic comparison
- D. proportion

Answer:

Match the symbol to its meaning.



Goodheart-Willcox Publisher

11. Door (7.5.2)

Answer:

12. Four-way switch (7.5.2)

Answer:

13. Supply duct turned up (7.5.2)

Answer:

14. Telephone (7.5.2)

Answer:

15. Window (7.5.2)

Answer:

16. When should you take measurements during a structural project? (7.5.3)

- A. At the beginning of the project
- B. After some of the construction has been completed
- C. Once the project is completed
- D. Before, during, and after the project

Answer:

17. List three basic measuring tools. (7.5.3)

Answer:

18. *True or False?* The longer a level is, the less accurate it is over long distances. (7.5.0)

Answer:

19. *True or False?* A chalk reel is commonly used to mark straight lines over a long distance. (7.5.0)

Answer:

Match each construction drawing to the correct definition.

- A. Assembly drawings
 - B. Elevation plans
 - C. Floor plans
 - D. Site plans
20. Common construction drawings showing a layout of rooms, doors, and other features (7.5.4)

Answer:

21. Drawings of the land where the project will be constructed (7.5.4)

Answer:

22. Show how the structure or piece of equipment is to be constructed (7.5.4)

Answer:

23. Portray the building from one side (7.5.4)

Answer:

Critical Thinking

1. Why is it important to have a new building inspected? (7.5.6)

Answer: