

Unit 1

True / False

1. The purpose of a chain line is to indicate the imaginary cut surface referred to by the cutting plane line.

a. True

b. False

ANSWER: False

2. In orthographic projection, the exact form of the object is shown by various views of the object arranged in a particular order.

a. True

b. False

ANSWER: True

3. There is no limitation on the number of views that may be used to describe an object.

a. True

b. False

ANSWER: True

4. The front view always shows the front of the object.

a. True

b. False

ANSWER: False

5. All views have a particular position with respect to each other, and have either a horizontal or vertical alignment.

a. True

b. False

ANSWER: True

Multiple Choice

6. ___ are made to describe the object in sufficient detail to permit fabrication.

a. Details

b. Plans

c. Drawings

d. Graphs

ANSWER: c

7. ___ projection is the method employed to describe the object in sufficient detail to permit fabrication.

a. Sectional

- b. Series
- c. Drawing
- d. Orthographic

ANSWER: d

8. A broken line of medium thickness is known as a(n) ____ line.

- a. hidden
- b. object
- c. center
- d. leader

ANSWER: a

9. A fine, broken line made up of a series of short and long dashes alternately spaced is known as a(n) ____ line.

- a. hidden
- b. leader
- c. center
- d. object

ANSWER: c

10. ____ lines are fine lines that extend from the object with a slight break between.

- a. Extension
- b. Object
- c. Hidden
- d. Dimension

ANSWER: a

11. A fine, straight line with an arrowhead or round solid dot at one end is known as a(n) ____ line.

- a. extension
- b. leader
- c. hidden
- d. object

ANSWER: b

12. A heavy, broken line made up of a series of long and short dashes alternately spaced is known as a ____ line.

- a. break
- b. section
- c. chain
- d. short

ANSWER: c

13. The ____ break line is a heavy, irregular line drawn freehand.

- a. phantom
- b. cutting
- c. long
- d. short

ANSWER: d

14. The ____ break line is a ruled, light line with freehand zigzags.

- a. short
- b. long
- c. cutting
- d. phantom

ANSWER: b

15. When three views are used to describe an object, the ____ view is placed directly above and in line with the front view.

- a. top
- b. right
- c. bottom
- d. left

ANSWER: a

Completion

16. A(n) _____ line is a thick solid line.

ANSWER: object

17. A series of lines – solid or solid and broken – arranged in specific patterns that show a surface are known as _____ lines.

ANSWER: section

18. A(n) _____ line is a light, broken line made up of a series of one long and two short dashes.

ANSWER: phantom

19. When three views are used to describe an object, the _____ side view is placed to the right of and in line with the front view.

ANSWER: right

20. The _____ view usually gives the best indication of the shape and detail of an object.

ANSWER: front