Note: Dimension Update is actually the \texttt{DIMSTYLE} command, in which AutoCAD automatically chooses the \texttt{APPLY} option for you. All you have to do is select a dimension.

Open the Exercise Manual PDF file for chapter 7 on the accompanying CD for project- and discipline-specific exercises.

If you have the accompanying Exercise Manual, refer to chapter 7 for project- and discipline-specific exercises.

**REVIEW QUESTIONS**

1. Dimension types available in AutoCAD include:
   a. Linear
   b. Angular
   c. Diameter
   d. Radius
   e. All of the above

2. The associative dimension drawn with the \texttt{DIMASSOC} variable set to ON has all of its separate parts drawn as separate objects.
   a. True
   b. False

3. Linear (\texttt{DIMLINEAR}) allows you to draw horizontal, vertical, and aligned dimensions.
   a. True
   b. False
4. To draw a linear dimension you must (1) specify the first extension line origin, (2) locate the dimension line, and then (3) specify the second extension line.
   a. True
   b. False

5. Angular (DIMANGULAR) allows you to draw angular dimensions between two parallel lines.
   a. True
   b. False

6. By default, the dimension text for a radius dimension is preceded by:
   a. Radius
   b. Rad
   c. R

7. Using the PROPERTIES command will allow you to override the dimensioning system variable settings for a single dimension, without modifying the base dimension style.
   a. True
   b. False

8. Baseline (DIMBASELINE) is used to draw dimensions from a single datum baseline.
   a. True
   b. False

9. Center Mark (DIMCENTER) allows you to draw center cross marks or centerlines in a circle.
   a. True
   b. False

10. You must explode a dimension before you can use the DIMTEDIT command to edit the dimension text.
    a. True
    b. False

11. The suppress option in the Lines tab of the Modify Dimension Style dialog box allows you to suppress only one extension line at a time.
    a. True
    b. False
12. The **Arrowhead** section in **Symbols and Arrows** tab of the Modify Dimension Style dialog box allows you to change the size and style of your arrowheads.
   a. True
   b. False

13. You must use the **UNITS** command to determine how many decimal places will be displayed in the dimension text.
   a. True
   b. False

**Directions:** For each of the following questions, select which of the dimensioning tabs the option can be found on in the following list.

- Symbols and Arrows tab
- Text tab
- Fit tab
- Primary Units tab
- Tolerances
- Cannot be found in the dimensioning dialog boxes

14. Arrowhead size

15. Associated/nonassociative setting

16. Text height

17. Arrowhead style

18. Text location

19. Suppressing of extension lines

20. Linear tolerance settings

21. Number of decimal places for a linear dimension
Directions: Answer the following questions based on Figure 7.93.

22. Which dimension variable must be changed to modify the size of Arrowheads?
   a. DIMARO
   b. DIMASZ
   c. DIMTSZ
   d. DIMDLI

23. Which dimension variable must be changed to modify Arrowhead types?
   a. DIMASZ
   b. DIMTSZ
   c. DIMBLK
   d. DIMEXE
24. Which dimension variable must be modified to change the color of dimension lines?
   a. DIMCLRE
   b. DIMCLRT
   c. DIMCLRL
   d. DIMCLRD

25. Which dimension variable is used to hide the first extension line?
   a. DIMEXL
   b. DIMOFF
   c. DIMSE1
   d. DIMEL1

26. Which dimension variable establishes the distance from the object to the start of the extension line?
   a. DIMEXO
   b. DIMSEL
   c. DIMGAP
   d. DIMSPC

27. Which dimension variable establishes the distance from the first dimension line to the second dimension line when using baseline dimensions?
   a. DIMD12
   b. DIMSPC2
   c. DIMDLI
   d. DIMDSPC

28. Which dimension variable is used to modify tick terminators?
   a. DIMARC
   b. DIMART
   c. DIMTIC
   d. DIMTSZ
29. Which dimension variable is used to hide the second dimension line?
   a. DIMSDL
   b. DIMHD2
   c. DIM2OFF
   d. DIM2D2

30. When one desires for the extension lines to be drawn past the dimension lines which dimension variable is used to perform this function?
   a. DIMEXE
   b. DIMELD
   c. DIMEXT
   d. DIMEDE

31. Which dimension variable is used to have a second arrowhead that is different from the first?
   a. DIMARW2
   b. DIMABLK
   c. DimBLK2
   d. DimARO2