

AutoCAD 2007: One Step at a Time

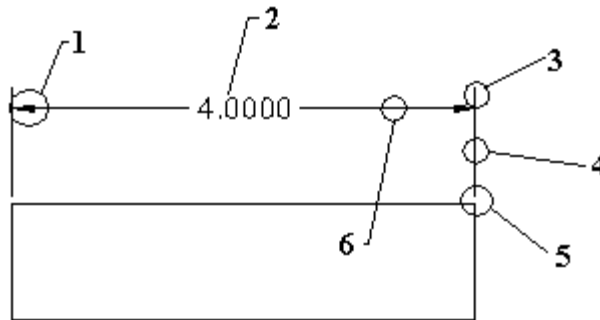
Review Questions – Lesson 14

07R14

Review Questions

Write your answers on a separate sheet of paper.

Identify.



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
7. AutoCAD defaults to _____ units when dimensioning regardless of the units the drawing has been set up to use.
- (8) dimensions are tied to the objects being dimensioned and (9) dimensions are not.
- 8.
- 9.
10. (T or F) The user cannot break or trim extension lines on a normal dimension.
11. What is the system variable (command) that controls associative / normal dimensioning?
12. Use the _____ command to convert associative dimensions to normal dimension.

List the ten dimension commands.

- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.
- 21.
- 22.

23. When using the **Press Enter to Select** option in dimensioning, (the user, AutoCAD) determines the endpoints of the object being dimensioned.
 24. If allowed, AutoCAD will determine the location of the linear dimension by the location of the _____.
 25. The _____ option of the Dimlinear command allows the user to rotate the dimension text for a better fit.
 26. Use the _____ command to dimension angles, circles, and arcs.
 27. (T or F) When dimensioning diameters or radii, it's necessary for the user to enter the diameter symbol (by holding down the control key while typing D) or R.
 28. Use the _____ command to create a continuous string of dimensions.
 29. & 30. Whereas Dimcontinue works off of the (first, last) extension line origin, Dimbaseline works off of the (first, last).
 31. Use the _____ command to place simple call outs that require an arrow or line to reference an object.
 32. _____ places a dimension that is a distance from the 0,0 coordinate of the drawing.
 33. In editing Associative Dimensions, the user will generally change or rotate the text or change the angle of the extension lines with the _____ command.
 34. The user can change the position of associative dimension text using the _____ command.
 35. To edit the dimension text in a normal dimension, use the _____ command.
- When dimensioning isometrics, you must use the (36) option of the (37) command to orient the dimension in the correct isometric plane.
- 36.
 - 37.
 38. Use the _____ command to place dimensions on an isometric drawing.

Identify these buttons.



39. 40. 41. 42. 43.



44. 45. 46. 47. 48.

49. (T or F) The user may access linear dimensioning by typing dli or picking the Linear Dimension button on the dimension toolbar.

50. (T or F) Use the DimLinHor command to draw horizontal dimensions and the DimLinVer command for vertical dimensions.
51. (T or F) At the Dimlinear command prompt, the user can hit enter and select an object. AutoCAD will then locate the dimension's extension lines at the endpoints of that object.
52. (T or F) By default, the Dimangular command prompts the user to specify the vertex of the angle.
53. (T or F) After selecting two lines for an angular dimension, the dimension will automatically be placed when you hit Enter.
54. (T or F) After terminating a command you may reenter this command by hitting the Enter key.
55. (T or F) Radial dimension text cannot be changed.
56. (T or F) The command sequences for the Dimradius and Dimdiameter commands are the same.
57. (T or F) When dimensioning diameters, the user should remember to enter %%d for the diameter symbol.
58. (T or F) Aligned dimensions run perpendicular to the first extension line origin.
59. (T or F) The Dimaligned command resembles the Dimlinear command.
60. (T or F) When using the QLeader command, as with board drafting, the first thing the user locates is the text callout.
61. (T or F) When the annotation option of the QLeader command appears, the user may place a block at the end of the leader.
62. (T or F) The user may use options of the QLeader command to copy text or an object from another part of the drawing to the callout end of the leader.
63. (T or F) The Annotation Reuse frame of the Leader Settings dialog box has settings that make it possible to use the same callout a number of times.
64. (T or F) The Number of Points option on the Leader Lines and Arrows tab (Leader Settings dialog box) controls at which end of the leader AutoCAD will place the arrow head.
65. (T or F) QDim automatically dimensions a selected group of objects.
66. (T or F) The Edit option of the QDim command allows the user to edit the dimension text.
67. (T or F) Dimensioning an isometric drawing with Dimaligned will produce an isometric dimension.
68. (T or F) Use the Oblique option of the Dimedit to change an aligned dimension into an isometric dimension.

Answers

- | | | |
|--------------------------|-----------------|------------------|
| 1. Arrow | 23. AutoCAD | 47. Quick Leader |
| 2. Dimension | 24. Crosshairs | 48. Dimordinate |
| 3. Extension Line | 25. Angle | 49. T |
| Extension | 26. Dimangular | 50. F |
| 4. Extension line | 27. F | 51. T |
| 5. Extension line origin | 28. Dimcontinue | 52. T |
| offset | 29. Last | 53. F |
| 6. Dimension line | 30. First | 54. T |
| 7. Decimal | 31. QLeader | 55. F |
| 8. Associative | 32. Dimordinate | 56. T |
| 9. Normal | 33. Dimedit | 57. F |
| 10. F | 34. Dimtedit | 58. F |
| 11. Dimaso | 35. DDEdit | 59. T |
| 12. Explode | 36. Oblique | 60. F |
| 13. Dimlinear | 37. Dimedit | 61. T |
| 14. Dimangular | 38. Dimaligned | 62. T |
| 15. Dimradius | 39. Dimaligned | 63. T |
| 16. Dimdiameter | 40. Dimangular | 64. F |
| 17. Dimcontinue | 41. Dimbaseline | 65. T |
| 18. Dimaligned | 42. Dimcontinue | 66. F |
| 19. Dimbaseline | 43. Dimdiameter | 67. F |
| 20. Dimordinate | 44. Dimedit | 68. T |
| 21. Dimarc | 45. Dimlinear | |
| 22. Dimjogged | 46. Dimtedit | |