

AutoCAD 2007: One Step at a Time

Review Questions – Lesson 5

07R5

Review Questions

Please write your answers on a separate sheet of paper.

1. _____ is the hotkey for the Circle command.
2. The 2P option of the Circle command allows the user to draw a circle by identifying 2 points which define the circle's _____.
3. _____ identifies the size of the circle for the TTR option of the Circle command.
4. To repeat the last command, hit _____ on the keyboard.

Using the Ellipse command defaults, what three points must the user identify to draw the ellipse?

- 5.
- 6.
- 7.
8. The _____ option of the Ellipse command allows the user to draw partial ellipses.
9. The drawing must be in _____ mode to draw isocircles.
10. By default, AutoCAD draws true ellipses. However, the user may draw polyline ellipses by changing the _____ sysvar to 1.
11. (T or F) It's easy to find the center of a polyline ellipse.

Identify these buttons:



12. 13. 14. 15. 16.

What are the three ways the user can end a Start - Center arc?

- 17.
- 18.
- 19.
20. By default, AutoCAD draws arcs in the _____ direction.
21. To draw an arc in a different direction, use the _____ option.
22. What must the user do at the first arc prompt to continue the last arc drawn?

What are the two approaches to drawing a polygon?

23.

24.

25. How many sides can an AutoCAD polygon have?

Using the circle approach, the user can place the polygon either (26) in or (27) around an imaginary circle.

26.

27.

28. _____ is the hotkey entry for the Polygon command.

29. The command used to reset the interval between automatic saves in AutoCAD is _____.

30. By default, AutoCAD automatically saves drawings every _____ minutes.

31. _____ are AutoCAD's way of allowing the user to manually configure the software for optimal performance.

32. A running OSNAP is

- a. a marathon runner
- b. an OSNAP setting which activates automatically
- c. first word in a line of music

33. The options of the Circle command include:

- a. center point
- b. tan tan radius
- c. both a and b

34. (T or F) When using the Tan Tan Rad option of the Circle command, the user doesn't need to identify objects to which the circle will be tangent.

35. The "El" hotkey will prompt the user

- a. for a name to go with it (El Circle)
- b. specify axis endpoints
- c. specify the distance to another axis endpoint

36. (T or F) The Center option of the Ellipse command requires a diameter value to complete the shape.

37. (T or F) The drafter may construct an elliptical arc by using the Ellipse command.

38. (T or F) To obtain the Isocircle option in the Ellipse command, your drawing needs to be in the isometric mode.

39. The hotkeys SN can be used to set
- the isometric mode
 - straight number lock
 - snap settings
40. (T or F) When you pick Node from the OSNAP flyout toolbar, AutoCAD will snap your crosshairs to a point or node.
41. (T or F) Ellipses are always polylines.
42. (T or F) The Ellipse command will normally offer an Isocircle option.
43. To activate the Arc command the user can
- type Arc, or the A hotkey
 - select the Arc button on the Draw toolbar
 - hold down the shift key and press "RC"
44. The Length of Chord option within one of the Arc command's options refers to
- the circumference of the circle from which the arc originates
 - the true length of an arc
 - the length of the radius
45. Angle – in the Start, End, Angle procedure of drawing an arc – refers to
- the angle of incidence + the radius squared
 - the angle of incidence + the diameter
 - the angle at which your arc will be drawn
46. (T or F) Arcs can be drawn counterclockwise only.
47. (T or F) Hitting enter twice after completing the Arc command will restart the command and use the end of the last arc as the start point of the new one.

Answers

- | | |
|----------------------|-----------------------------------|
| 1. C | 25. 1024 |
| 2. Diameter | 26. Inscribed |
| 3. R Or Radius | 27. Circumscribed |
| 4. Enter | 28. Pol |
| 5. Axis Endpoint 1 | 29. Savetime |
| 6. Axis Endpoint 2 | 30. 10 |
| 7. Other Axis | 31. Sysvars (or system variables) |
| 8. Arc | 32. b |
| 9. Isometric | 33. c |
| 10. Pellipse | 34. F |
| 11. F | 35. b & c |
| 12. Arc | 36. F |
| 13. Circle | 37. T |
| 14. Ellipse | 38. T |
| 15. Save | 39. a & c |
| 16. Polygon | 40. T |
| 17. End | 41. F |
| 18. Angle | 42. F |
| 19. Length | 43. a & b |
| 20. Counterclockwise | 44. b |
| 21. D Or Direction | 45. c |
| 22. Hit Enter | 46. F |
| 23. Circle | 47. T |
| 24. Edge | |