

AutoCAD 2006: One Step at a Time

Review Questions – Lesson 3

3.10

Review Questions

Please write your answers on a separate sheet of paper.

1. To see a different X and Y grid spacing, use the _____ option of the grid command.
2. The _____ tool pulls the crosshairs to a grid point or a location between grid points.
3. Conventional wisdom suggests that grid snap increments should be _____ that of the grid increments.

To setup an isometric grid, go to the (4) option of the (5) command.

- 4.
- 5.
7. The _____ tool restricts drawing to the left/right or up/down directions.

Identify these function keys:



- 8.
- 9.
- 10.
- 11.
- 12.

13. Verify that these tools are on or off by checking the appropriate site on the _____ bar.

The standard isometric is drawn on which three angles?

- 14.
- 15.
- 16.

Name two ways to toggle between isometric planes.


















- 17.
- 18.

19. To call the Drafting Settings dialog box, type _____ at the command prompt.

20. Once you have learned grid, snap, Ortho, and OSNAPS, what must you *never* do?

21. _____ provide the means for precisely selecting an endpoint, midpoint, or intersection.

Identify:

OSNAP TOOLBAR	SYMBOL	CURSOR MENU
		35
		36
	22	37
	23	38
	24	39
	25	40
	26	41
	27	42
	28	43
	29	44
	30	45
	31	46
	32	47
	33	48
	34	49
		50
		51

52. To call up the OSNAP screen menu, right click on the screen while holding down the _____ key.

53. When both the center and quadrant Running OSNAPS are on, AutoCAD may not select the one you want. To toggle between them, place the crosshairs over the circle or arc and hit the _____ key on the keyboard.

54. (T or F) AutoCAD's Ortho tool restricts the Line command to creation of horizontal or vertical lines only.

55. Ortho in isometric mode:
- will be on the 45° and 135° planes
 - will be on the 30°, 90°, and 150° planes
 - will be on the 0°, 45°, and 90° planes.
56. (T or F) The Grid command is only necessary in developing text size.
57. Drawing speed can be increased significantly by:
- controlling the size of the grid
 - creative use of the Snap tool
 - through Aspect, setting a separate grid spacing for X and Y
 - all of the above
58. (T or F) Polar tracking works only on the four quadrants 0 degrees, 90 degrees, 180 degrees, and 270 degrees.
59. (T or F) It is much easier to locate the next point accurately and quickly with Polar Tracking.
60. (T or F) The keyboard is a good tool to use with Polar Snap.
61. (T or F) Drafting can be faster by controlling the snap by grid or polar tracking.
62. (T or F) When the Grid Snap is active, AutoCAD will snap to points related to the grid.
63. (T or F) The Style option of the Snap command deals with text fonts.
64. (T or F) OSNAPs are one way to insure that lines are joined accurately, circles and arcs accurately placed, and a location is precisely found.
65. A flyout tool bar button is:
- a button lost on an outfielders uniform during a ball game
 - a button that calls the Flyout command
 - a button indicated by a small triangle at the bottom right of a command
66. (T or F) Three ways to use OSNAPs include a cursor menu, a flyout toolbar, and the keyboard.
67. (T or F) An isometric is a 2D representation of a 3D drawing.
68. (T or F) Grid and snap are of little use when drawing an isometric.
69. The isometric plane toggle will help draw along the
- 30 degree/90 degree plane
 - 150 degree/90 degree plane
 - 30 degree/150 degree plane
 - all of the above

70. By default, dynamic input uses the _____ coordinate system.

71. Use the _____ key on your keyboard to access the dynamic input display menu.

Answers

- | | | |
|-------------------------------|---------------------------|----------------|
| 1. Aspect | 15. 90° | 59. T |
| 2. Snap | 16. 330° Or -30° | 60. F |
| 3. Half | 17. CNTL+E | 61. T |
| 4. Style | 18. F5 | 62. T |
| 5. Snap | 19. DSettings (or ds) | 63. F |
| 7. Ortho | 20. Eyeball | 64. T |
| 8. Grid Toggle | 21. OSNAPS | 65. c |
| 9. Ortho Toggle | 22. – 51. [See Sect. 3.3] | 66. T |
| 10. Snap Toggle | 52. SHIFT | 67. T |
| 11. Polar Tracking
Toggle | 53. TAB | 68. F |
| 12. Object Tracking
Toggle | 54. T | 69. d |
| 13. Status | 55. b | 70. Polar |
| 14. 30° | 56. F | 71. Down arrow |
| | 57. d | |
| | 58. F | |