

3D AutoCAD 2007: One Step at a Time

Review Questions – Lesson 11

07R11-3D Review Questions

Please write your answers on a separate sheet of paper.

1. _____ is a procedure that takes the objects you've created and gives them properties to make them appear "real."

Access the Render Presets Manager by entering the _____(2)_____ command at the command prompt or by selecting _____(3)_____ from the Select Render Preset control box in the Render control panel.

4. _____ speeds the rendering process by rendering only a ratio of the pixels on your screen.

Shadow Modes include: _____(5)_____ (random shadows), _____(6)_____ (shadows generated in order from the object to the light), and _____(7)_____ (generates shadows along the ray of light).

8. Use the _____ command to access the Advanced Render Settings palette.
9. The (Advanced Render Settings palette, Render Presets Manager) is faster and simpler to use.

What are the five standard render presets?

10. _____
11. _____
12. _____
13. _____
14. _____
15. Adding _____ to an object can mean the difference between colorful cartoon images and images that come close to photographic realism.
16. Use the _____ command to attach materials by assigning them to a layer.
17. (T or F) It's not possible to create your own materials, but AutoCAD provides thousands with which you can work.
18. (T or F) Using the Material Editor, you can change glass from clear to mirror-reflective.
19. (T or F) AutoCAD doesn't really create materials; it simply attaches a bitmap to an object to make it look like a certain material (wood, marble, etc.)
20. By default, AutoCAD 2007 has (1, 2, 3, 4) distant source(s) which light the visible surfaces of a 3D model.

What are the five types of lighting available in AutoCAD?

- 21.
- 22.
- 23.
- 24.
- 25.
26. What is the single command you use to access the three basic lights?
27. The _____ is the focal angle of a spotlight – in other words, it's the center of the spotlight's cone.
28. _____ determines the actual size of the focal point of the spotlight.
29. _____ refers to how light dissipates over distance.
30. If your screen doesn't reflect attenuation properly, you may be using an _____ video driver.
31. (T or F) AutoCAD is so flexible, you can locate shadows in your drawing by controlling where you are on the surface of the earth!
32. What's the difference between 3DWalk and 3DFly?
33. (T or F) You can show a client a walk through only as long as he has the full AutoCAD release.
34. (T or F) When creating animations, the larger the frame rate, the better the video but the longer it takes to create it.
35. (T or F) When creating an animation, you can assign a path to either the camera or the target, but not both.

Answers:

1. Rendering
2. RenderPresets
3. Manage Render Presets
4. Sampling
5. Simple
6. Sorted
7. Segment
8. Rpref
9. Advanced Render Settings palette
10. Draft
11. Low
12. Medium
13. High
14. Presentation
15. Materials
16. Materialattach
17. F
18. T
19. T
20. 2
21. Ambient
22. Point
23. Spot
24. Distant
25. Sun
26. Light
27. hotspot
28. Falloff
29. Attenuation
30. OpenGL
31. T
32. You walk on the ground; you fly in the air.
33. F
34. T
35. F