Chapter 11 Review

Subobject Editing

**Name:** **Click here and type your name**

Click in the shaded area and type your answer for each question. Use the [Tab] key to move from one answer field to the next.

1. How do you select a subobject?

Click here and type your answer

2. How do you deselect a subobject?

3. When grip editing, two types of grips appear on the object. Name the two types of grips.

4. If you have a cylinder primitive with a height of 10 units, but the height requirement has changed to 15 units, explain the procedure for adding 5 units to the cylinder height.

5. How can you change the radius of a fillet or the distances of a chamfer?

6. When moving a face on a solid primitive, how can you accurately control the axis of movement?

7. When moving a face on a solid primitive, which option maintains the planes of adjacent faces while modifying the size of the face?

8. Describe a major difference of function between the ROTATE and 3DROTATE commands.

9. Which system variable enables you to use the 3DROTATE command in a 3D view even if you select the ROTATE command?

10. How does the location and shape of an edge grip differ from a face grip?

11. What is the most efficient tool to use when rotating an edge and how is it displayed?

12. What is the only type of edge that can be scaled?

13. What is the only editing function that can be done when editing a single vertex?

14. How are two or more vertices selected for editing?

15. What is created when offsetting an edge of a solid with the OFFSETEDGE command?

16. Which option of the OFFSETEDGE command is used to create round corners on the resulting offset object?

17. What is the function of the PRESSPULL command?

18. What type of object is created when using the PRESSPULL command to extrude an arc?

19. What are three methods for selecting multiple objects when using the PRESSPULL command?

20. What key is used when selecting an object with the PRESSPULL command in order to extrude a face and maintain the shape and orientation of adjacent faces?

21. When a solid object is exploded, what happens to the flat surfaces of the solid?

22. When a solid object is exploded, what happens to the curved surfaces of the solid?