Chapter 8 Review

Creating and Working with Solid Model Features

**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. Which properties of a solid can be changed in the Properties palette?

Click here and type your answer

2. What does the History property control?

3. What is the preferred command for aligning objects to create an assembly of parts?

4. How does the 3DALIGN command differ from the ALIGN command?

5. How does the 3DROTATE command differ from the ROTATE command?

6. How does the MIRROR3D command differ from the MIRROR command?

7. Which command allows you to create a rectangular array by defining rows, columns, and levels?

8. How does a 3D polar array differ from a 2D polar array?

9. Which option of the ARRAYPATH command can be used to evenly distribute the arrayed object along the path?

10. Which command is used to fillet a 3D object?

11. Which command is used to chamfer a 3D object?

12. Name four types of surfaces that can be used to slice objects.

13. Briefly describe the function of the SLICE command.

14. Which SLICE command option would be used to create a contoured solid object like a computer mouse?

15. Which two commands can be used to create a countersink?