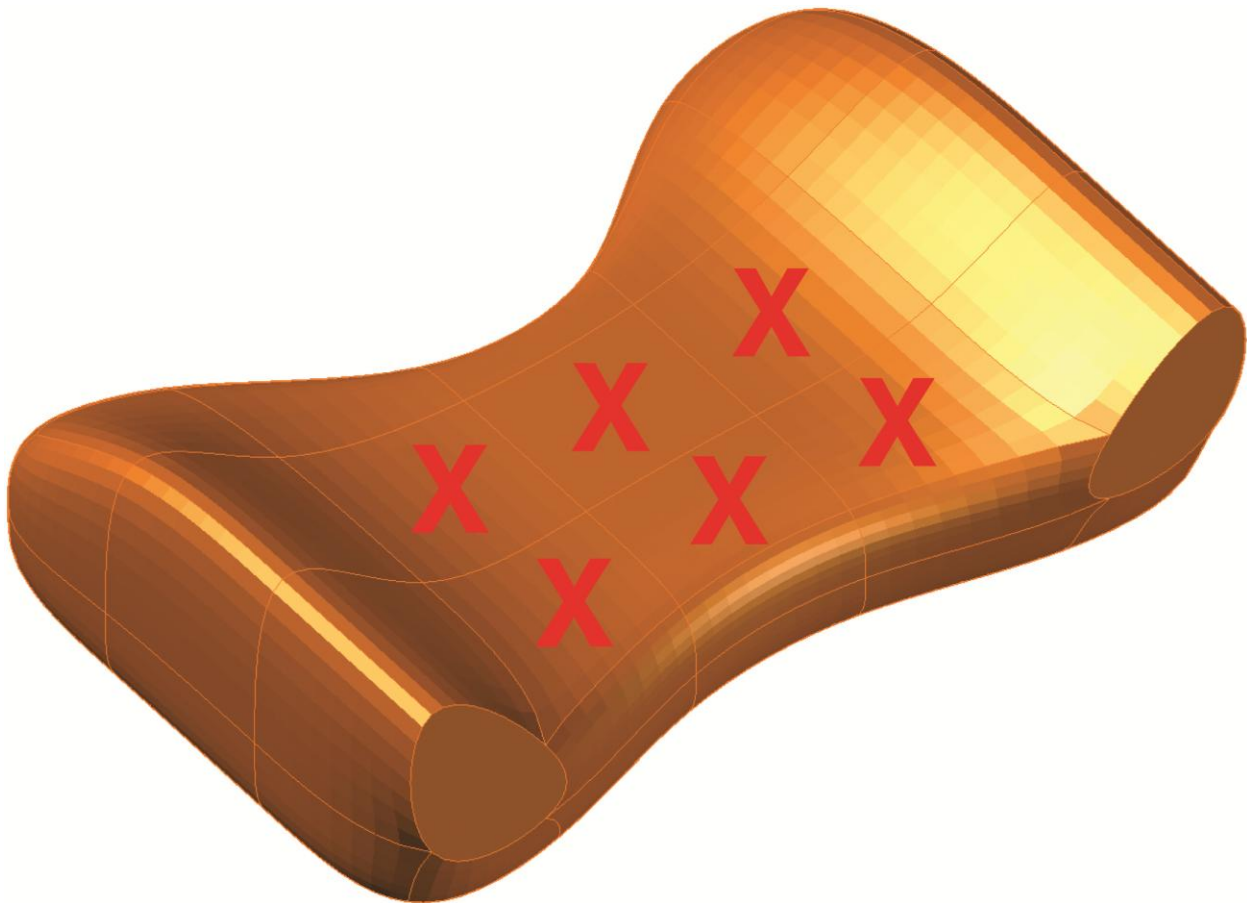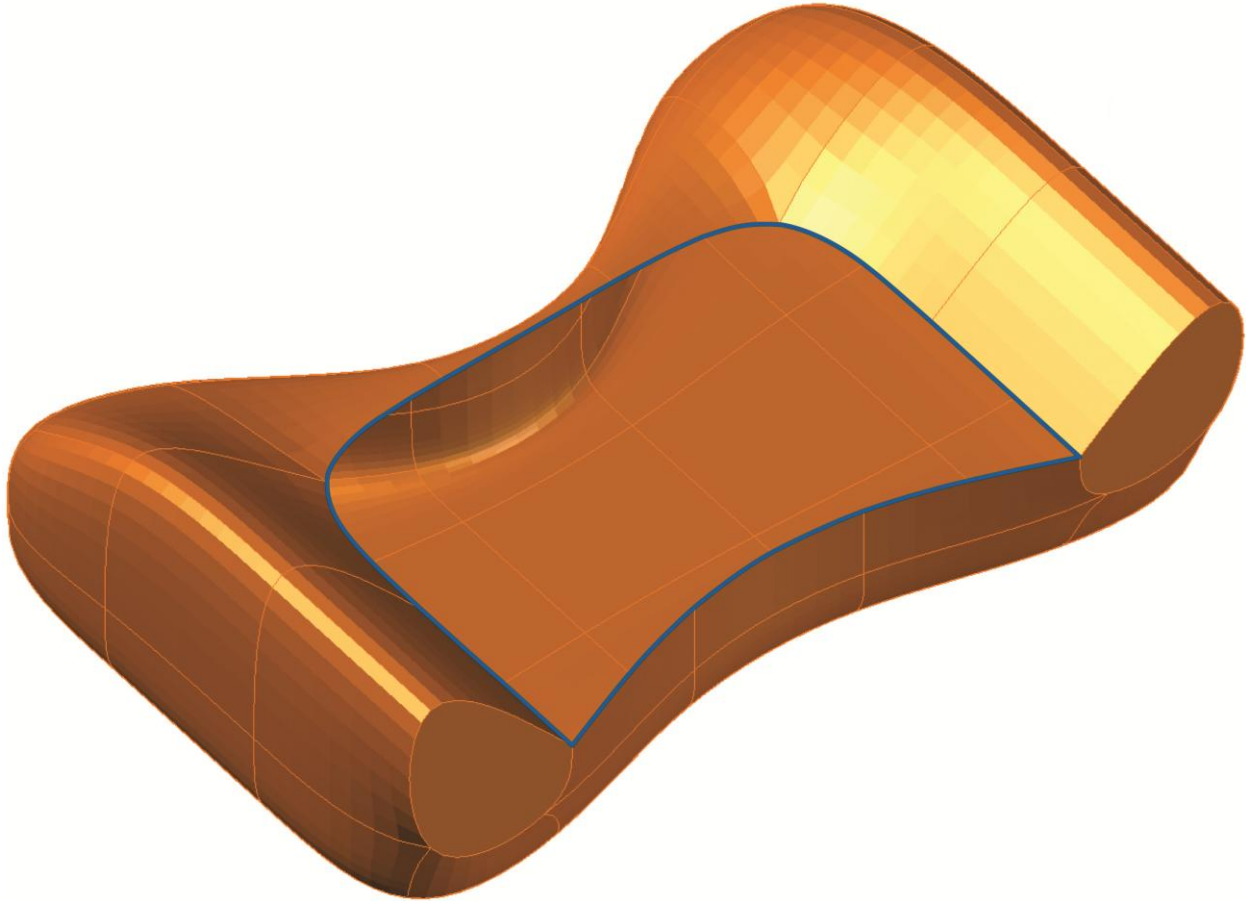# Exercise 9-8

In this exercise, you will delete a mesh face to create a gap in the mesh model. You will then close the gap to create a new mesh shape. You will also close a mesh gap to create a cell phone body cover.

1.  Open the drawing EX09_08A.dwg available on the companion website.
2.  Select the six mesh faces shown in the following illustration. Use the face subobject filter to help in selection.
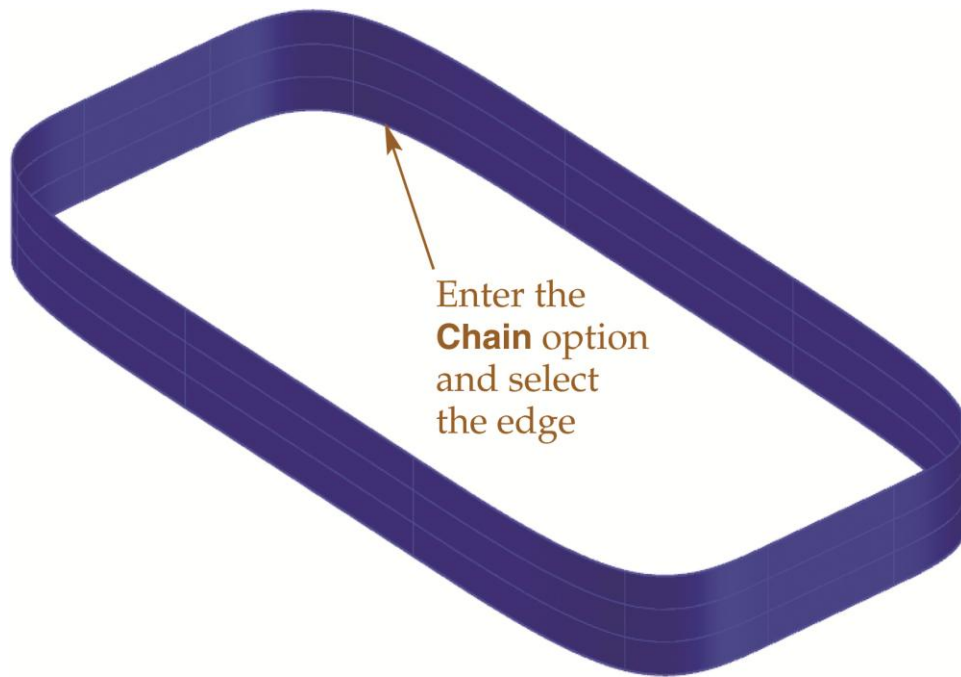


3.  Press the [Delete] key to create a gap.
4.  Enter the **MESHCAP** command.

5.  Using the **Chain** option, select the 10 continuous mesh edges shown in the following illustration. Press [Enter] to complete the command. You have added a single, new mesh face in the middle of the model.



6.  Use the **MESHCREASE** command to crease the new face so it is flat. Notice the new surface mesh design.

7.  Save the drawing as EX9-8A.

8.  Open the drawing EX09_08B.dwg available on the companion website.

9.  Enter the **MESHCAP** command.

10. Using the **Chain** option, select the edge shown in the following illustration. This selects all of the bottom edges.

Enter the
**Chain** option
and select
the edge

11. Press [Enter] to complete the command.
12. Notice the new mesh faces created. Refer to the drawing below. The faces form the bottom of the cell phone body cover.
13. Save the drawing as EX9-8B.