

Week 10 Assessment:

1. How does the “Hole” feature save time?

Since most holes have standard sizes, the Hole feature has presets geometry to allow the user to just select from a library of options, instead of having to sketch the profile of the hole. In addition, it just references existing sketch points, thus saving time during hole placement as well.

2. What does the “offset” option do in the Spur Gear FeatureScript feature?

It allows the gear to be “clocked” so adjacent gears can be perfectly meshed.

3. True or False: Onshape can directly import a Solidworks Pack n Go file.

True.

4. Name two of the four “Direct Editing” features in Onshape.

- a. Modify Fillet*
- b. Delete Face*
- c. Move Face*
- d. Replace Face*

5. List 3 different capabilities that can be found in the App store.

Rendering, CAM, BOM, Assembly Explode, FEA/CFD Simulation, 3D Printing, hardware libraries, etc.