# Week 11 Assessment:

1. Name 2 typical real-world applications for a “Loft” feature.

*Fan blades, aircraft wings, propellor, other aerodynamic applications, etc.*

1. Which sketch tool is the best for tracing over curvy lines?

*Spline.*

1. What does it mean to “emboss” text onto the surface?

*It is when the text is either raised, or sunken, into the surface of a part.*

1. What is a common application of a “Helix” feature?

*To model a spring, or a threaded surface.*

1. What does it mean to “Branch and Merge” a design in Onshape?

*Generally speaking, “branching” and “merging” are tools used in concurrent design, where design variations are investigated at the same time. A “Branch” represents one of the several design options, and a “Merge” is when two design options are combined, where the result has the design features of both options.*