

# Week #9 Quiz

<b>Due</b> Nov 27 at 11:59pm	<b>Points</b> 10	<b>Questions</b> 5	<b>Available</b> Nov 21 at 2pm - Nov 27 at 11:59pm 6 days
<b>Time Limit</b> 60 Minutes			

## Instructions

Here is Week #9's quiz.

Even though it opens on Monday, you still have until Sunday 23:59 to complete it.

Good advice: do it before you head out for Thanksgiving! Once those turkey tryptophans hit your bloodstream, you will forget to do it. (Not true, says WebMd -- [Click here](http://www.webmd.com/food-recipes/features/the-truth-about-tryptophan#1)) [\(http://www.webmd.com/food-recipes/features/the-truth-about-tryptophan#1\)](http://www.webmd.com/food-recipes/features/the-truth-about-tryptophan#1)

Good luck!

This quiz was locked Nov 27 at 11:59pm.

## Attempt History

	Attempt	Time	Score
<b>LATEST</b>	<a href="#">Attempt 1</a>	2 minutes	10 out of 10

Score for this quiz: **10** out of 10  
Submitted Nov 27 at 5:04pm  
This attempt took 2 minutes.

Question 1

2 / 2 pts

The defacto standard file format for use in 3D Printing is:

☐ .obj

☐ .blend

☐ .3ds

☐ .3dp

☒ .stl

Correct!

Question 2

2 / 2 pts

The defacto standard file format for use in 3D Printing contains:

Correct!

- ☐ An unordered list of Bezier surfaces
- ☒ An unordered list of triangles
- ☐ A list of triangles in a specific order
- ☐ A list of Bezier surfaces in a specific order

**Question 3****2 / 2 pts**

Which of these is true?

Correct!

- ☒ Overlapping two 3D solids is not legal for 3D printing
- ☐ Overlapping two 3D solids is legal for 3D printing

**Question 4****2 / 2 pts**The 3D Printing **vertex-to-vertex rule** says that:

Correct!

- ☐ Each edge's vertices must be part of some triangle
- ☐ Each edge can bound an arbitrary number of triangles
- ☒ Each edge in the mesh must bound 2 and only 2 triangles

**Question 5****2 / 2 pts**

The Simplified Euler's formula for legal solids is:

Correct!

- ☒  $F - E + V = 2$
- ☐  $F + E + V = 2$
- ☐  $F - E - V = 2$

☐  $F + E - V = 2$ Quiz Score: **10** out of 10