

Week 4 Assessment:

1. What is the difference between a fixed and a moveable assembly in Onshape?
2. What is so unique about the Mate Connector in Onshape?
3. How many degrees of freedom do the following Mates have?

Mates	Degrees of Freedom
Fastened	
Revolute	
Slider	
Planar	
Cylindrical	
Ball	

4. When a Mate is initially defined, does Onshape solve the entire model, or just that Mate?
5. What is a Relation? Provide 2 examples.