

Cross Section Activity 5

Practice resolving dip domains

This activity is designed to provide you with an opportunity to practice resolving overlapping dip domain lines before projecting contacts through a slightly more complicated fold. **(1)** First, plot **dip domains** through each dip tick. **(2)** Once you have your dip domains plotted and you can see all of the intersections, decide if you want to work from left-to-right or from right-to-left. When you're ready to start, find the bisector of the angle between the first two converging domains – let's call this intersection "**A**". Draw a new domain beyond the intersection that is an extension of the bisecting angle. **(3)** Once you've finished your first resolution, move on to the second intersection (**B**). Note that the new dip domain created for intersection **B** may change the nature of the intersection you just resolved at **A**. If it does, you will need to re-do **A** to fit the new domain you just created at **B**. Through this iterative process, work yourself across the section in your chosen direction making sure that each dip domain doesn't change the nature of previous intersections... and making appropriate changes when necessary. **(4)** When you finally reach the other side, your scaffolding of dip domains should be ready for contact projections. Project each of the contacts as in previous activities. What kind of fold is it?

