



Geometry Internet Connect Activity

MG1 SolRev Investigations

1. Experiment with different functions to see how the solids of revolution are created. What function would you rotate around the y -axis to create a sphere like the one you created in the Portfolio Activity? (Note: You will need to enter functions as you would on a graphing calculator, using $^$ for exponent and using parentheses carefully for grouping.)

2. How could you create a cone by rotating functions about the x - or y -axis? Name a function that you could use. Use the method from the Portfolio Activity to create a cone.
