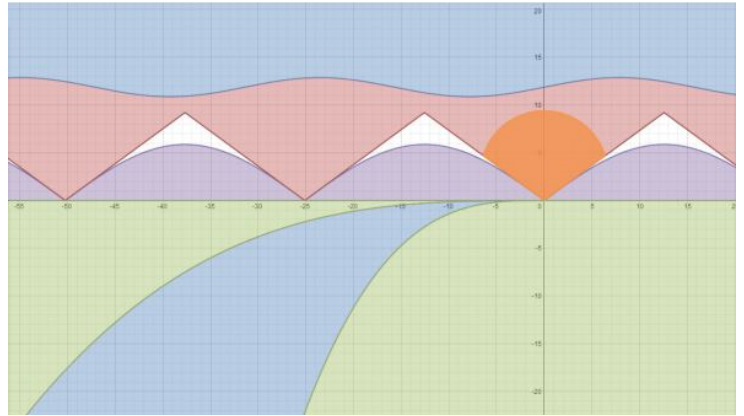


Desmos Art Project

Unit Performance Assessment

Use the Desmos online graphing calculator to plot a set of functions that create a picture. You must use a variety of functions from you've learned in this unit. You add shading by using inequalities.



List one example of each type on the lines provided.

1. Horizontal Line:
2. Vertical Line:
3. Other Lines
4. Hyperbola
5. Non-function Hyperbola
6. Conic Parabola
7. Non-function Conic Parabola
8. Ellipse with horizontal major axis
9. Ellipse with vertical major axis
7. Circle
8. Arc
9. Square Root function:
10. Exponential function:
11. Logarithmic function:
12. Shading (Inequality):
13. Domain/Range Restrictions: