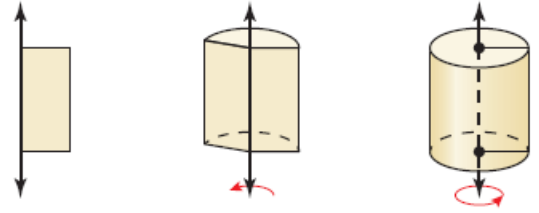


Geometry

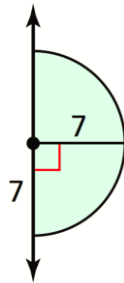
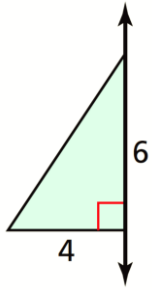
12.7 Solids of Revolution (12.7)

Solid of Revolution

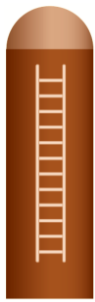
- _____-dimensional figure form by _____ a _____-dimensional shape around an _____
- The axis is the axis of _____.



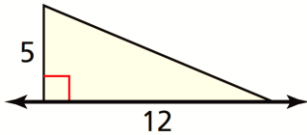
Sketch the solid produced by rotating the figure around the axis.



Sketch a two-dimensional shape and an axis of revolution that can form the grain silo shown.



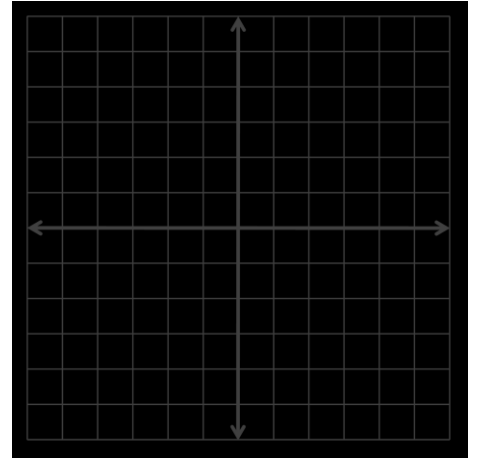
Sketch and describe the solid produced by rotating the figure around the given axis. Then find its surface area.



Geometry 12.7

Name: _____

Sketch and describe the solid that is produced when the region enclosed by $x = 0$, $y = 0$, and $y = x + 2$ is rotated around the x -axis. Then find the volume of the solid.



Assignment: 665 #2, 4, 6, 7, 8, 10, 12, 14, 16, 18, 20, 22, 23, 24, 26, 33, 35, 36, 37, 38 = 20 total