3-7b Circles & Volume

 Volume of Pyramids & Cones Name:

1. **Find the Volume of the following solids (figures may not be drawn to scale).**

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Volume:

 Volume:





Volume:

Volume:

1. **Find the Volume of the following solids (figures may not be drawn to scale).**

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Volume:

 Volume:

Find the volume of the irregular solid. The base has an area of 80cm2 and a height of 9 cm.

Find the volume of the regular octahedron.





Volume:

Volume:

1. **Find the Volume of the following solids (figures may not be drawn to scale).**





 Volume:

Volume:

Consider triangle ABC with vertices at A (0,0), B(4, 6), and C(0,6) plotted and a coordinate grid. Determine the volume of the solid created by rotating the triangle around the y-axis.



 Volume: