

A square with perimeter = 20 is rotated around one of its sides to form a solid. Find the volume of this solid.

A pyramid and a rectangular prism both have a square base with area = 50 and a height equal to 10. What is the ratio of their volumes?

Two cones have radii 20 and 30, and heights that are 15 and 25 respectively. Are these cones similar? Why or why not?

The volume of two similar cylinders are 3375 and 5832. Find the ratio of their areas.