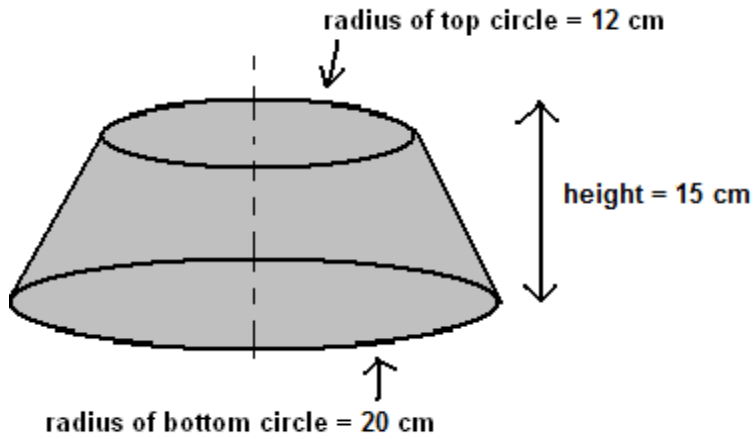


Advanced Geometry
“Fun” Volume Problems!

Name: _____

- 1.) Find the volume of the figure formed below that was a cone with its “point” chopped off.
[Hint: It is “similar” to finding the volume of a full cone and subtracting the volume of the top cone.]



- 2.) A sewer pipe (cylinder) of diameter 12 feet has water in it a depth of 4 foot in the center. What is the volume of water in the sewer pipe, given that it is 500 feet long?
[Hint: Look at it as finding the area of a segment. You might need to use trig to find a missing angle!!]

