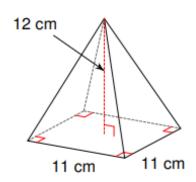
GRADE 11 ESSENTIAL VOLUME OF PYRAMIDS AND CONES

Name: ______ Date: ____

Use an **accurate value** of π for these calculations.

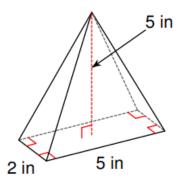
Find the **volume** of the figures: (an answer is given **so show your work!**)

1.



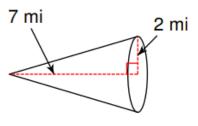
484 cm³

2.



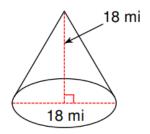
16.7 in³

3.



29.3 mi³

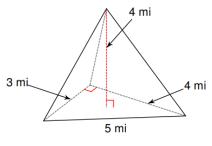
4.



1526.8 mi³

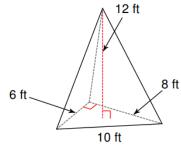
MrF

5.



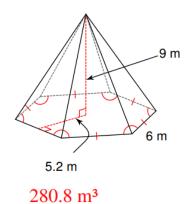
8 mi³

6.



96 ft³

7. Tricky one!



8. A sphere



5276.7 cm³

9. A square pyramid measuring 10 yd along each edge of the base with a height of 6 yd.

200 yd³

10.

A cone with radius 4 m and a height of 12 m.

201.1 m³