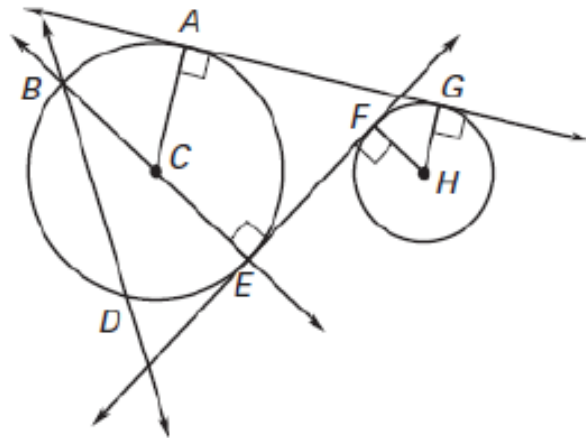


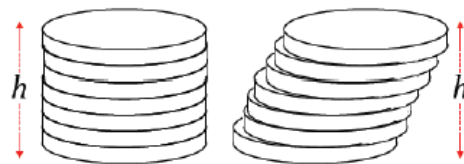
Part 3:

Name the term that best describes the notation.

1.  $F$
2.  $\overleftrightarrow{FE}$
3.  $\overline{HG}$
4.  $\overline{DB}$
5.  $C$
6.  $\overline{BE}$
7.  $\overleftrightarrow{DB}$
8.  $\overleftrightarrow{AG}$

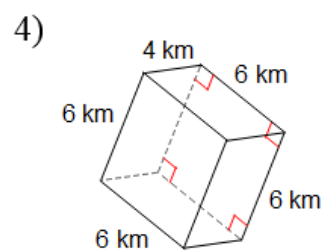
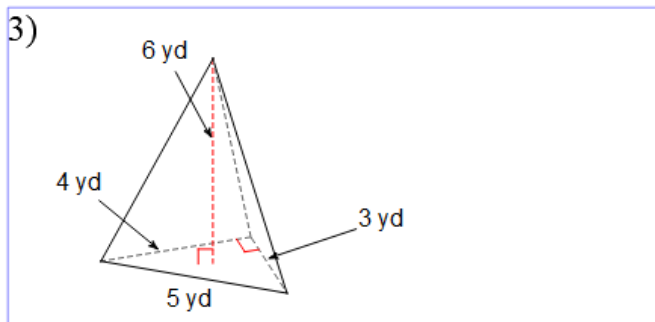
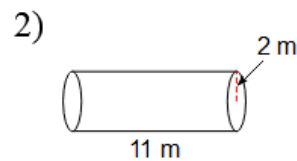
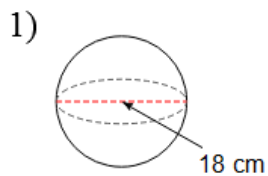


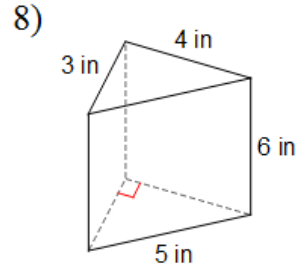
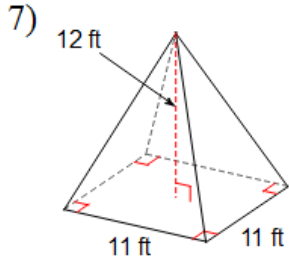
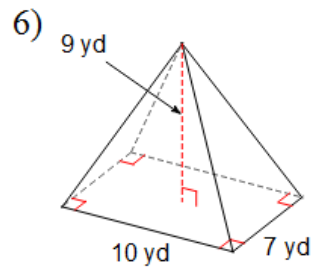
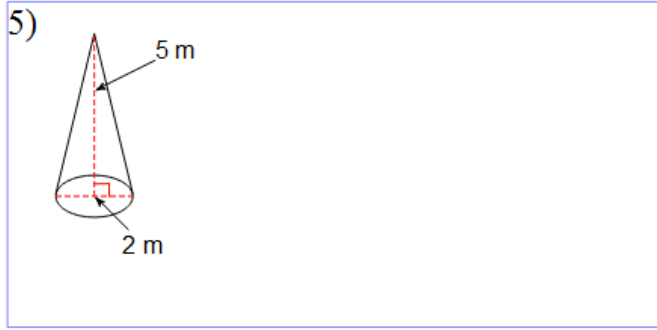
Looking at the stack of quarters below, what do we know about their volumes? Explain why.



Part 4:

Find the volume of each figure. Round your answers to the nearest hundredth, if necessary.

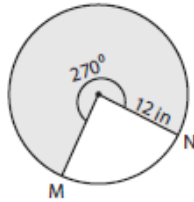




Part 5:

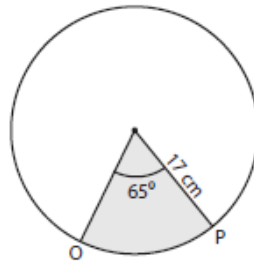
Find the length of the arc and area of the shaded region. Round the answer to two decimal places. (use  $\pi = 3.14$ )

1)



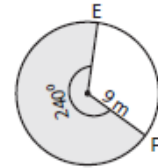
Length of the arc MN = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

2)



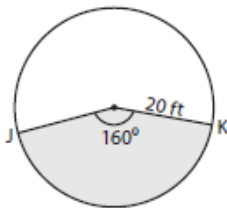
Length of the arc OP = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

3)



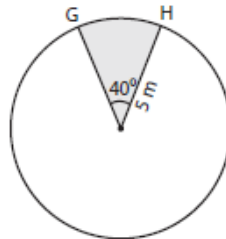
Length of the arc EF = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

4)



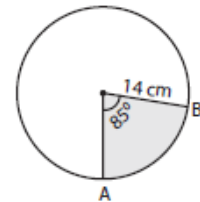
Length of the arc JK = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

5)



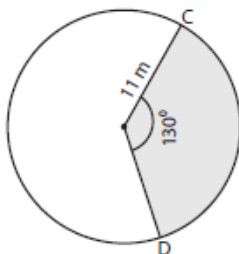
Length of the arc GH = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

6)



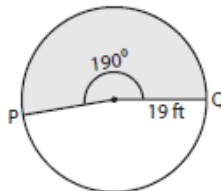
Length of the arc AB = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

7)



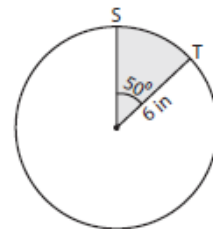
Length of the arc CD = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

8)



Length of the arc PQ = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

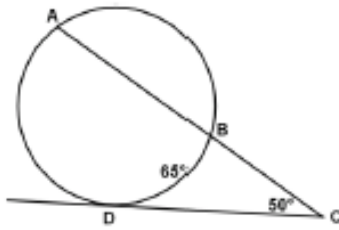
9)



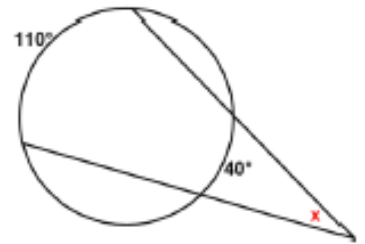
Length of the arc ST = \_\_\_\_\_  
Area of a sector = \_\_\_\_\_

Part 6:

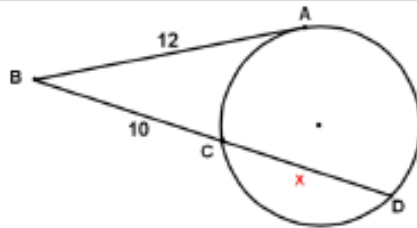
10. Find  $m\widehat{AB}$



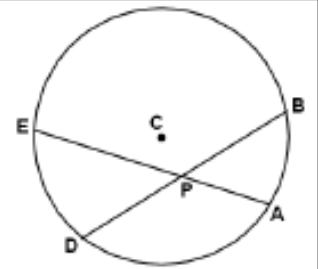
11. Find the value of  $x$



12. Solve for  $x$



13.  $DB = 15$ ,  $PB = 8$ ,  $EP = 9$ .  
Find  $PA$ .



14. Find  $PA$

