

M217

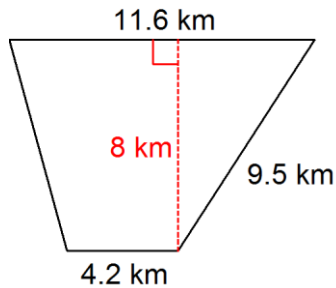
## Chapter 9 Quiz

**State the following formulas (1 pt. each)**

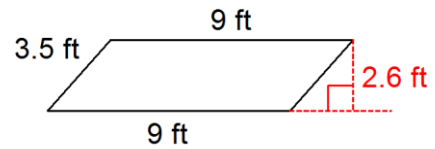
1. Area of a parallelogram is \_\_\_\_\_
2. Area of a trapezoid is \_\_\_\_\_
3. Area of a triangle is \_\_\_\_\_
4. Area of a regular polygon is \_\_\_\_\_
5. Area of a circle is \_\_\_\_\_
6. Sum of the Exterior Angles of a Polygon \_\_\_\_\_

**Find the Following areas (2 pts each)**

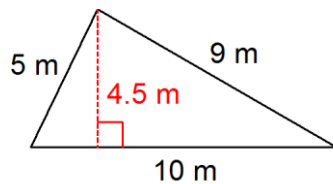
7.



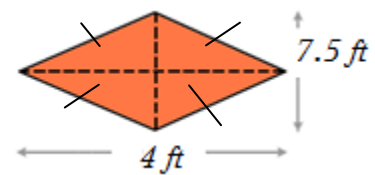
8.



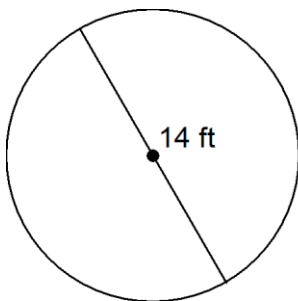
9.



10.

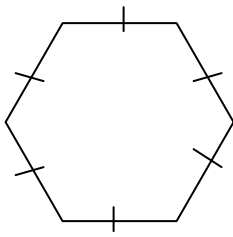


11. Find the Area and Circumference of the following... (2pts.)



**Fill in the Table next to the figure.**

12. (7 pts)

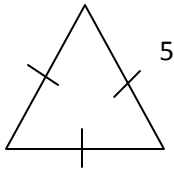


Name: \_\_\_\_\_  
 Concave or Convex (circle one)  
 Regular or Irregular (circle one)  
 1 int. angle: \_\_\_\_\_  
 1 ext. angle: \_\_\_\_\_  
 Sum of int. angles: \_\_\_\_\_  
 Sum of ext. angles: \_\_\_\_\_

13. Find the area of the figure from Question #12 if its **apothem** is equal to 7. (3pts)

**Answer the following questions: (2pts. Each)**

14. Find the area of the following. (Exact Answer Only)



15. Find the number of sides of a convex polygon if the measure of its interior angles has the sum of  $14,040^\circ$ .

**EXTRA CREDIT (3pts)**

1. Find the Area of Parallelogram BATS. (2pts)

2. What date is Pi day? (1pt)

