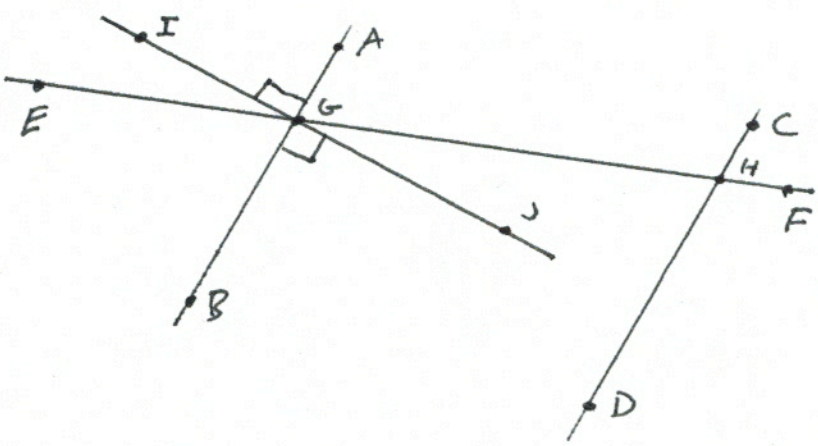


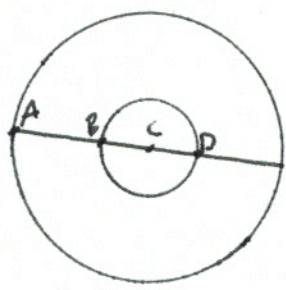
1. Given that \overline{AB} is parallel to \overline{CD} , find the measures of each angle.



$\angle IGA = 90^\circ$

- Given $\angle BGE =$ _____
 $\angle CHF =$ _____
 $\angle JGH =$ _____
 $\angle DHF =$ _____
 $\angle IGH =$ _____

2.



$\overline{CA} =$ _____ miles

$\overline{BD} =$ _____ miles

Area of inner circle = _____

Area of outer circle = _____

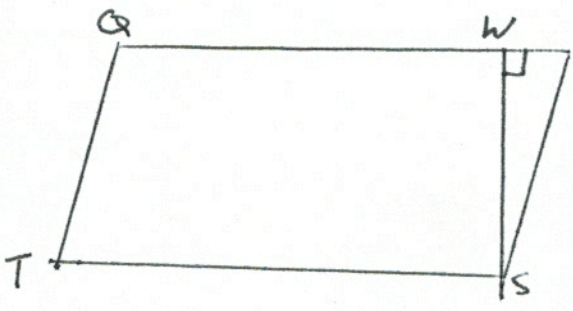
Circumference of inner circle = _____

Circumference of outer circle = _____

3. In a regular _____-sided figure, how many degrees do the interior angles add to? _____ What is the measure of each angle? _____

4. The measure of an angle is _____. What is its supplement? _____
 What is its complement? _____

5. What is the perimeter of $\triangle WRS$? _____



- $\overline{SW} =$ _____
 $\overline{RS} =$ _____
 $\overline{QR} =$ _____
 $\overline{RW} =$ _____

What is the area of $\triangle WRS$? _____

What is the area of QRST? _____

What is the perimeter of QRST? _____

6. Construct $\angle RST$ congruent to _____ in problem # 1.