

Name: _____

Date: _____

UNIT 1A

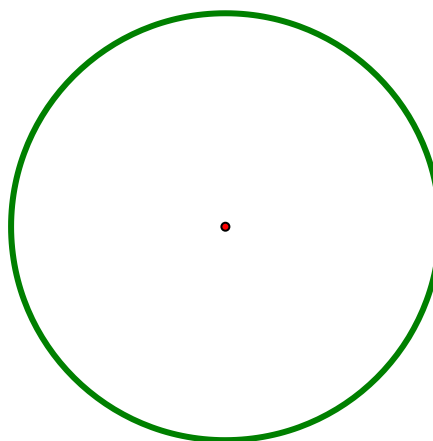
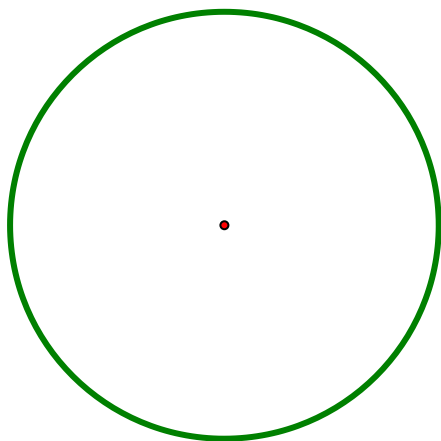
HOMEWORK

HOMEWORK PACKET #1: LESSON 1-6

1.

a) Construct an inscribed Equilateral Triangle.

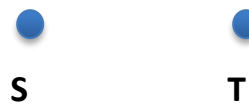
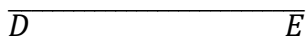
b) Construct an inscribed Hexagon.



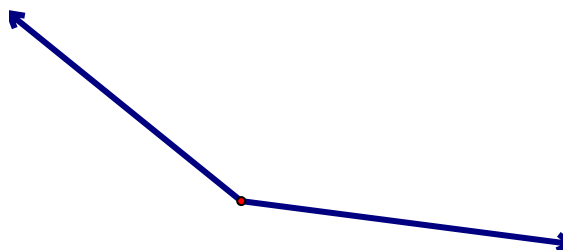
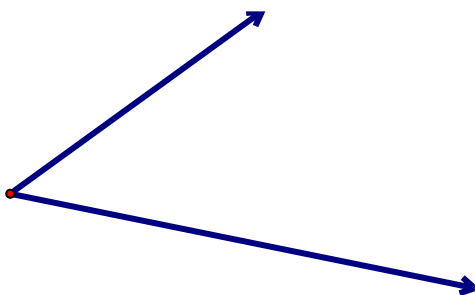
2.

a) Construct an equilateral triangle given \overline{DE} .
Label it $\triangle DEF$

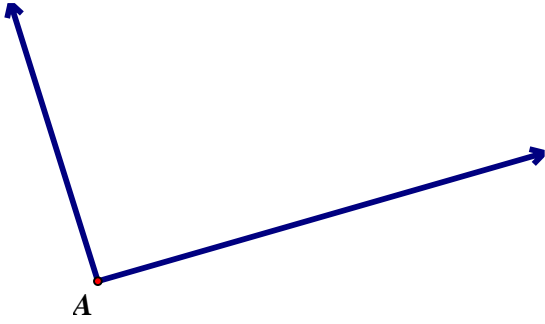
b) Construct an equilateral triangle given the
points S and T. Label it $\triangle RST$.



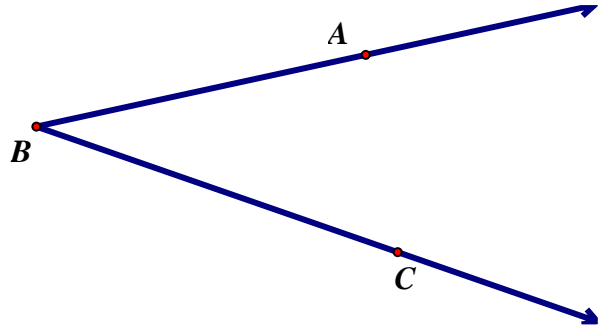
3. Bisect each angle below.



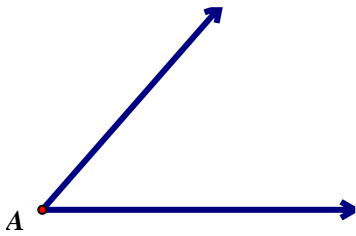
4. Construct the angle bisector of $\angle A$.



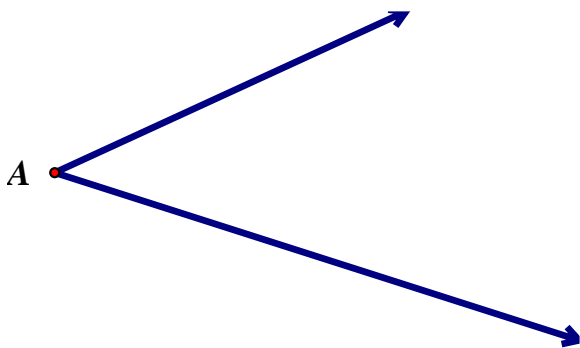
Create $\angle DBC$ such that $m\angle DBC = \frac{1}{2} (m\angle ABC)$



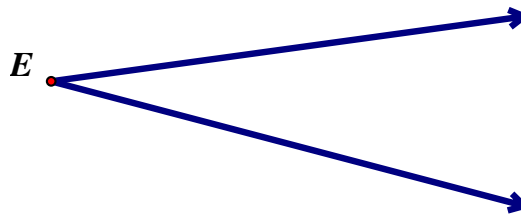
5. Copy the given angle.



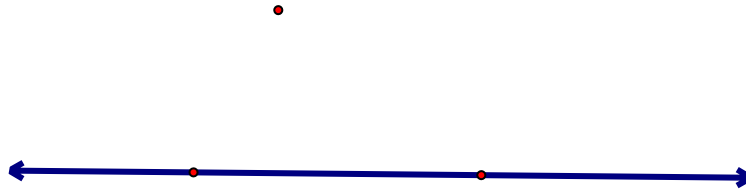
6. Create $\angle A'$ by copying $\angle A$



Create $\angle E'$ by copying $\angle E$.



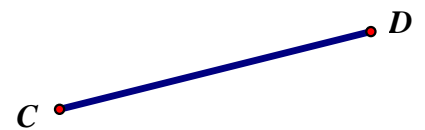
7. Find the parallel line through the point not on the line.



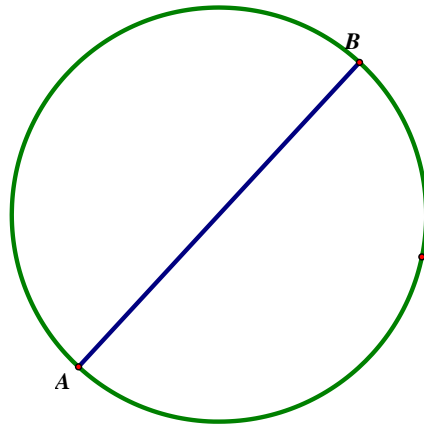
8. Construct the perpendicular bisector.



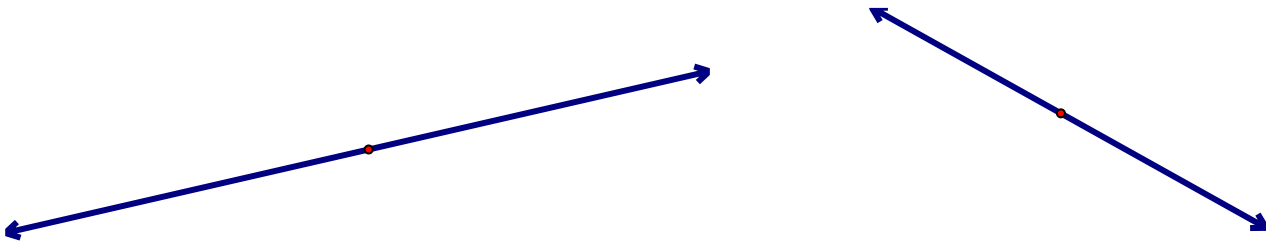
9. Bisect the segment (find the midpoint).



10. Given diameter AB, find the center.



11. Construct the perpendicular line through a point on each of the lines below.



12. Construct the perpendicular line through a point not on the line below.

