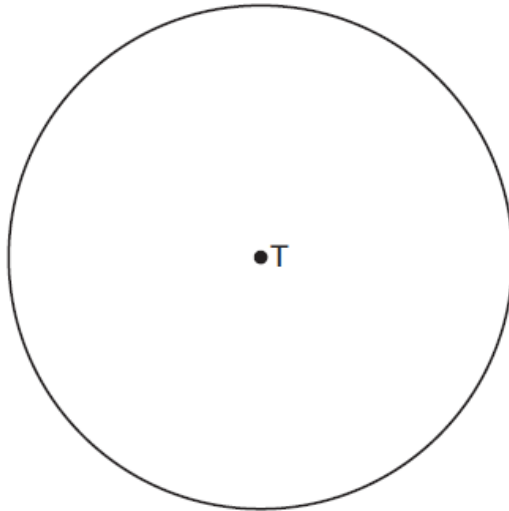


Name: _____
Date: _____
Class: _____

Geometry
Unit C
HW C-4

1)

Use a compass and straightedge to construct an inscribed square in circle T shown below.
[Leave all construction marks.]



2) Construct an angle that is 135 degrees below.

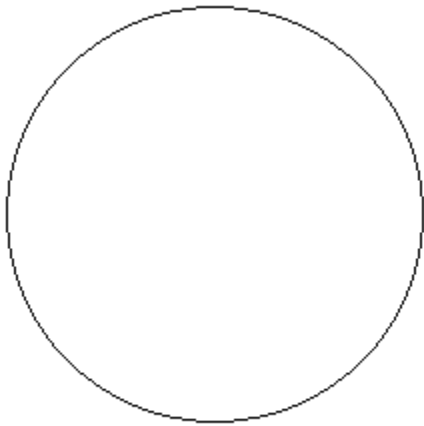
3) Construct a rectangle that has side lengths x and $2x$ ($AB = 2x$)



4) Construct a trapezoid that has base lengths x and $2x$ ($AB = x$)



5) Construct a rectangle that is inscribed in the following circle:



6) Construct a triangle that is similar to the following triangle with a scale factor of $\frac{1}{2}$ (meaning the triangle you create is the smaller triangle).

