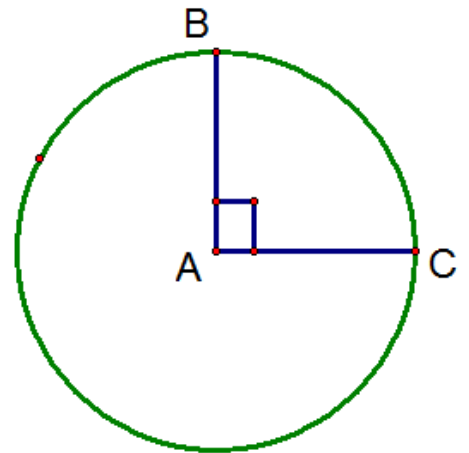


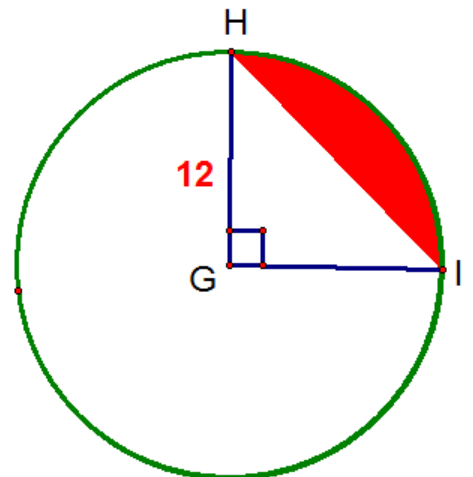
Honors Geometry: circle quiz #3

1. If the circumference of a circle is 20π , what is the area?
2. If the area of a circle is 169π squared units, what is the circumference?
3. In circle O, arc $AB = 60^\circ$, if $OA = 12$, find the
 - a. Arc Length of AB
 - b. Area of Sector AOB

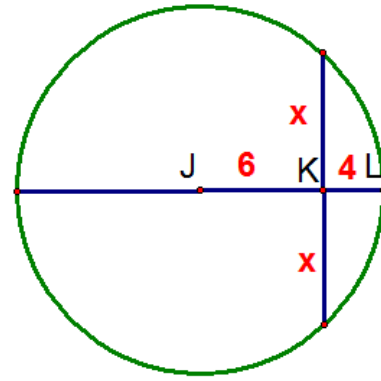
4. In circle A, Area of Sector BAC = 16π squared units
 - a. Find the radius of circle A
 - b. Find the area of circle A
 - c. Find the length of arc BC



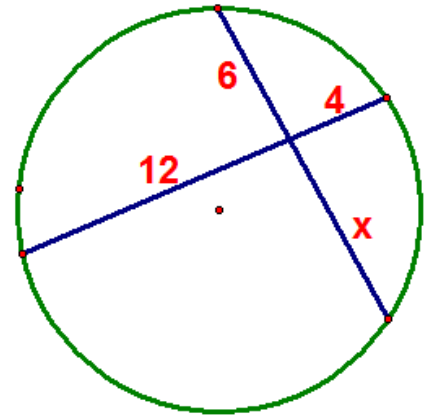
5. In circle G, $GH = 12$. Find the following:
 - a. Area of Sector HGI.
 - b. Area of Triangle GHI.
 - c. Shaded area to the nearest tenth



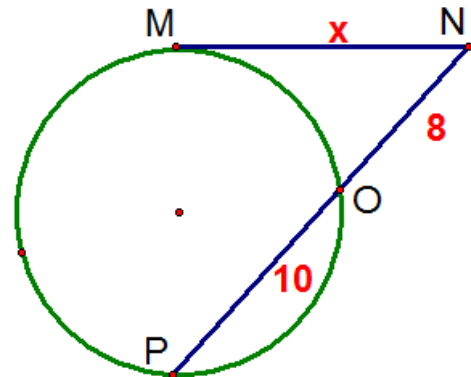
6. In Circle J, $JK = 6$, $KL = 4$. Find the value of x .



7. Find the value of x in the circle below.



8. MN is tangent to the circle at point M . Find the value of x .



9. Find the value of x .

