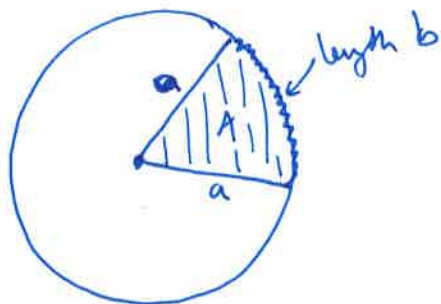
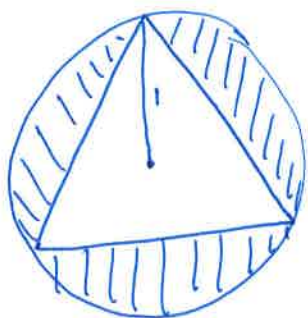


Worksheet 9

- 1) Show that we have the formula $A = \frac{1}{2} a b$ for the area of the "triangle" in the circle.



- 2) An equilateral triangle is inscribed into the unit circle.
- ~~What is the~~ How large is the shaded region?
 - What is the side length of the triangle?



- 3) (Bonus Question, worth 1 point) Let three \checkmark circles as drawn below be inscribed into the unit circle. How large is the shaded area?

