1. In the circle here, draw and label a tangent line, a secant line, and a radius.


C-A1a
2. Find the length of $\overline{C D}$.

$3 \overline{A B}$ is tangent to circle C. Find its diameter.

4. Find the area of the shaded sector.

5. Find the length of $\widehat{A B}$


## C-A2a

6. Find the degree measure of the indicated arc. $\longrightarrow$
7. Find the degree measure of the indicated angle below.

