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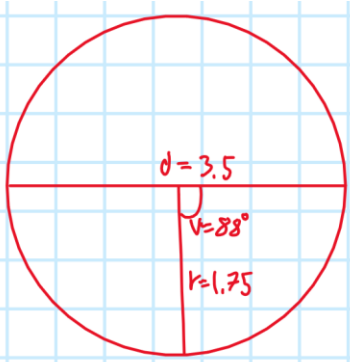


Diagram of a circle with diameter $d = 3.5$, radius $r = 1.75$, and a central angle $v = 88^\circ$.

$$\begin{aligned}
 A_c &= \frac{r^2}{2} \cdot \left(\frac{\pi \cdot v}{180^\circ} - \sin(v) \right) \\
 &= \frac{3.1}{2} \cdot \left(\frac{\pi \cdot 88^\circ}{180^\circ} - \sin(88^\circ) \right) \quad \text{indsæt tal} \\
 &= 1.5 \cdot \left(\frac{276.5}{180^\circ} - \sin(88^\circ) \right) \quad \text{Reducer} \\
 &= 1.5 (1.5 - \sin(88^\circ)) \quad \text{brøk} \\
 &= 1.5 \cdot 0.53 \quad \text{parentes} \\
 &= 0.81
 \end{aligned}$$