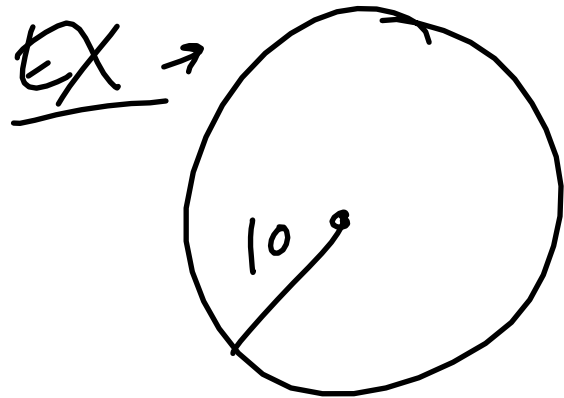


- Area

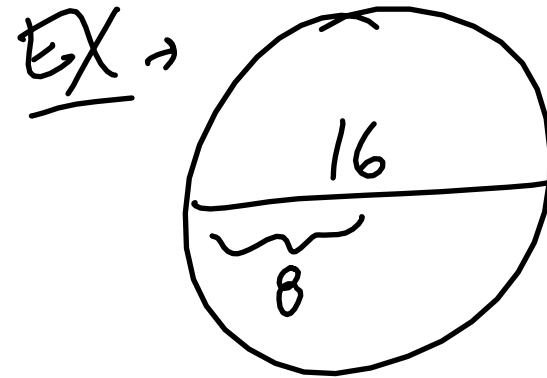
$$\hookrightarrow A = \pi r^2$$



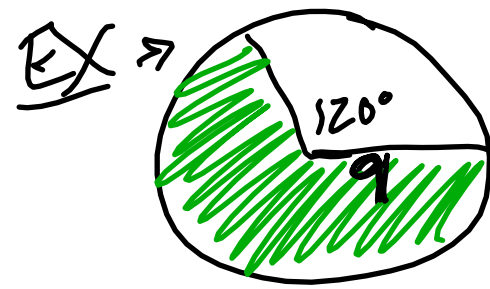
$$A = 16\pi$$



$$A = 100\pi$$



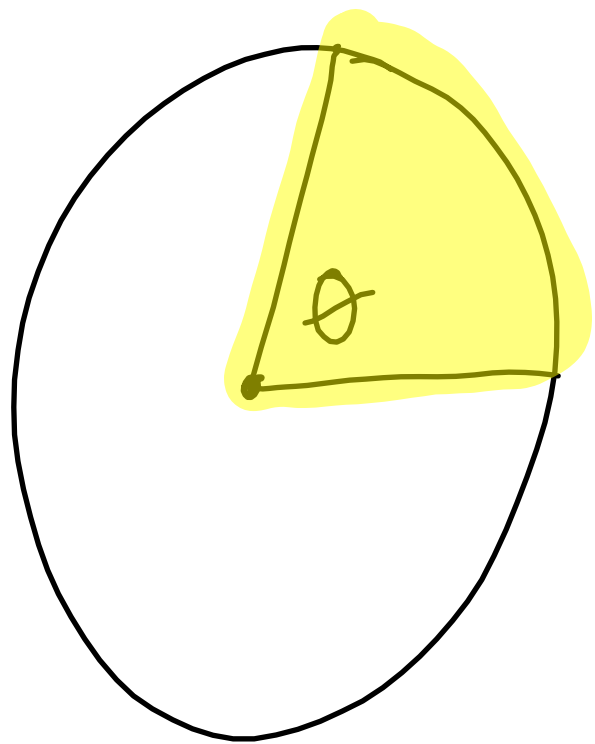
$$A = 64\pi$$



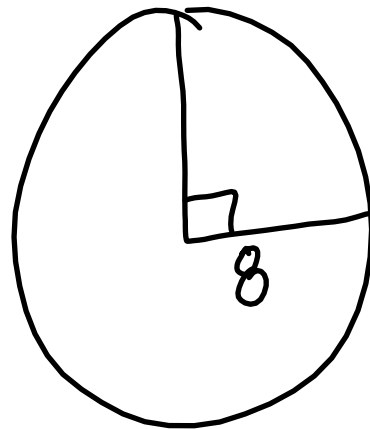
$$\frac{240}{360} \cdot 81\pi$$
$$\frac{2}{3} \cdot 81\pi = 54\pi$$

- Sector Area

$$\frac{\text{angle}}{360} \cdot \pi r^2$$

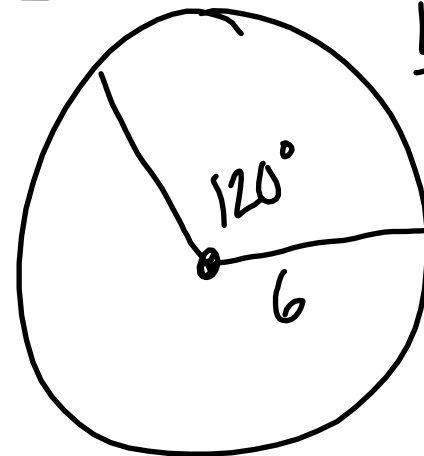


EX  $\rightarrow$



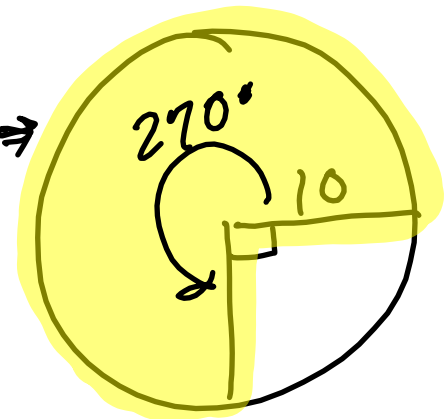
$$\frac{90}{360} \cdot 64\pi$$
$$\frac{1}{4} \cdot 64\pi = 16\pi$$

EX  $\rightarrow$



$$\frac{120}{360} \cdot 36\pi$$
$$\frac{1}{3} \cdot 36\pi = 12\pi$$

EX  $\rightarrow$



$$\frac{270}{360} \cdot 100\pi$$
$$\frac{3}{4} \cdot 100\pi = 75\pi$$

HW: p. 663 → 8-32 even (omit 28), 48