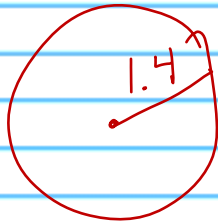


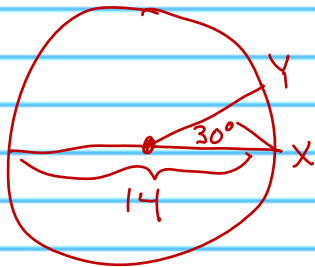
(11)



$$C = 2\pi \cdot 1.4$$

$$C = 2.8\pi \approx 8.80$$

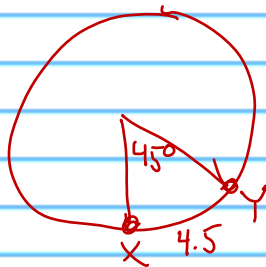
(12)



$$m\widehat{XY} = \frac{30}{360} \cdot 2 \cdot \pi \cdot 7$$

$$m\widehat{XY} = \frac{7\pi}{6} \approx 3.67$$

(13)



$$4.5 = \frac{45}{360} \cdot 2 \cdot \pi \cdot r$$

$$4.5 = \frac{1}{8} \cdot 2\pi r$$

$$4.5 = \frac{1}{4} \pi r$$

$$4(4.5) = 4\left(\frac{1}{4}\pi r\right)$$

$$18 = \pi r$$

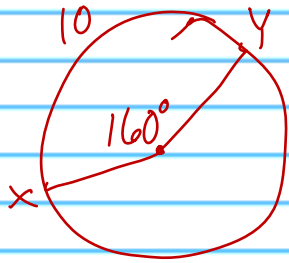
$$\frac{1}{\pi}(18) = \frac{1}{\pi}(\pi r)$$

$$r = \frac{18}{\pi}$$

$$C = 2 \cdot \pi \cdot \frac{18}{\pi}$$

$$C = 36$$

14



$$10 = \frac{160}{360} \cdot 2\pi \cdot r$$

$$10 = \frac{4}{9} 2\pi r$$

$$10 = \frac{8}{9} \pi r$$

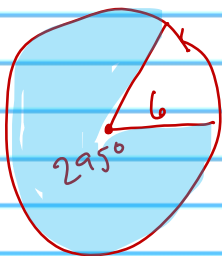
$$\frac{9}{8}(10) = \frac{9}{8} \left(\frac{8}{9} \pi r \right)$$

$$\frac{45}{4} = \pi r$$

$$\frac{1}{\pi} \left(\frac{45}{4} \right) = \frac{1}{\pi} (\pi r)$$

$$r = \frac{45}{4\pi} \approx 3.58$$

9



$$P: \frac{295}{360} \cdot 2 \cdot \pi \cdot 6 + 6 + 6 \quad A: \frac{295}{360} \cdot \pi \cdot 6^2$$

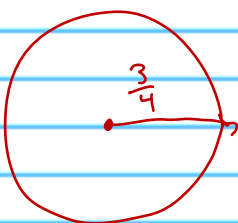
$$= \frac{59}{72} \cdot 12\pi + 12$$

$$= \frac{59}{72} \cdot 36\pi$$

$$P = \boxed{12 + \frac{59}{6} \pi}$$

$$A = \boxed{\frac{59}{2} \pi \approx 92.68}$$

10



$$P: 2 \cdot \pi \cdot \frac{3}{4}$$

$$A: \pi \cdot \left(\frac{3}{4} \right)^2$$

$$P = \boxed{\frac{3}{2} \pi \approx 4.71}$$

$$A = \boxed{\frac{9}{16} \pi \approx 1.77}$$