

(1) a) $A = 1053.5 \text{ cm}^2$

b) $A = a^2 \left(1 - \frac{\pi}{4}\right)$

c) $P = 21.5\%$

(2) a) $A = 981.25 \text{ cm}^2$

b) $A = \frac{d^2 \pi}{4}$

(3) a) $A = 29.25 \text{ cm}^2$

b) $A = \frac{l^2}{8} (4 - \pi)$

c) $P = 21.5\%$

(4) a) $A = 401.92 \text{ cm}^2$

b) $A = \frac{r^2 \pi}{8}$

(5) a) $A = 912.00 \text{ cm}^2$

b) $A = a^2 \left(\frac{\pi}{2} - 1\right)$

c) $P = 57.1\%$