

$$R = \frac{2V}{A}$$

$$R = \frac{\sqrt[3]{4V}}{\pi r^2}$$

$$R = \frac{P(6L)}{A}$$

$$A = \pi R^2$$

$$R = \frac{2V}{P \times (6L)}$$

$$V = \pi r^2 L$$

$$= \frac{\pi r^2 4L}{4}$$

$$= \pi \left( \frac{R}{2} \right)^2 L$$

$$L \rightarrow R$$

$$\nabla \left( \frac{r^2}{4} \right)$$

$$A = \frac{\pi r^2}{4}$$

Q