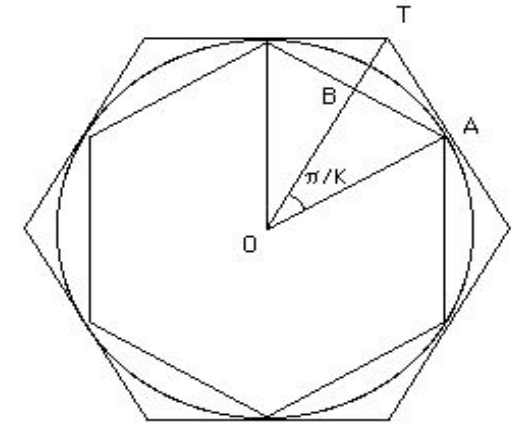
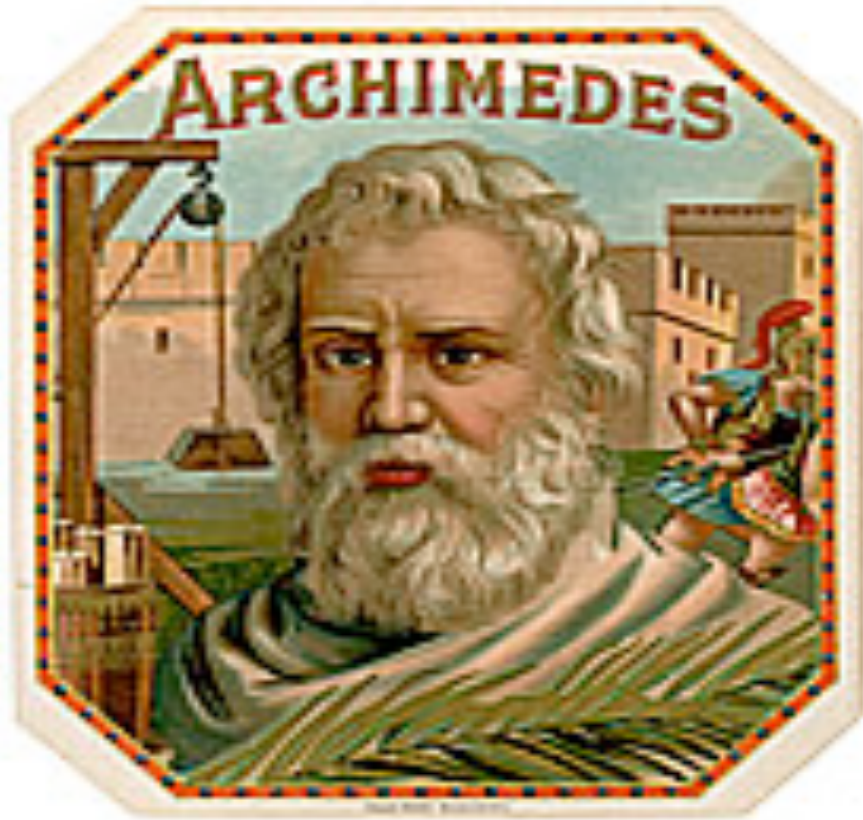


Archimedes 287-211 BC



Circle perimeter
Sphere & cylinder volumes
Law of the lever
Law of floatation
Archimedes screw

$$\begin{aligned} OA &= 1 \\ AB &= \sin(\pi/K) \\ AT &= \tan(\pi/K) \\ \text{where } K &= 3 \times 2^{n-1} \end{aligned}$$

