



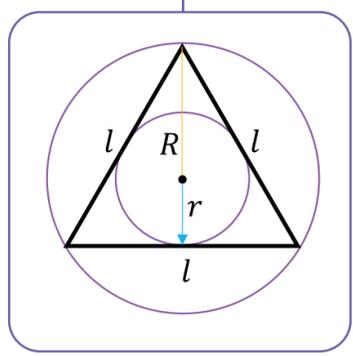
MAPA MENTAL

POLÍGONOS REGULARES

POLÍGONOS REGULARES

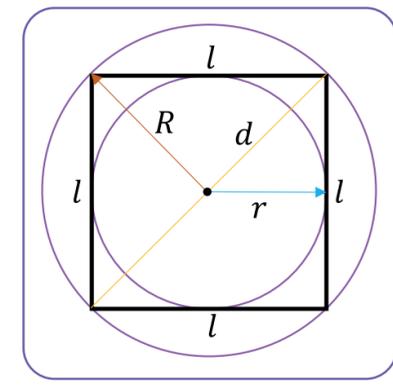
Apótema (a) = Raio da circunferência inscrita (r).

Triângulo Equilátero



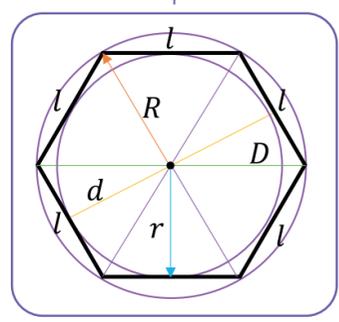
- $h = r + R$
- $h = \frac{l\sqrt{3}}{2}$
- $r = \frac{1}{3}h$
- $R = \frac{2}{3}h$
- $P = 3l$
- $A = \frac{l^2\sqrt{3}}{4}$

Quadrado



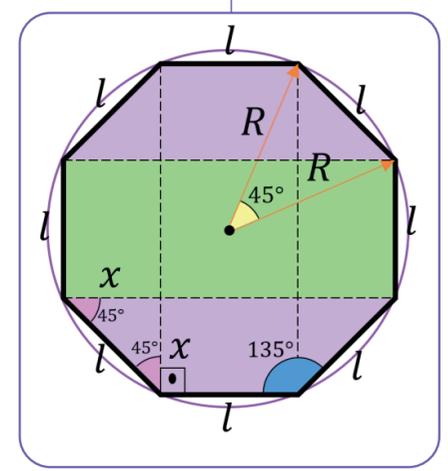
- $r = \frac{l}{2}$
- $R = \frac{l\sqrt{2}}{2}$
- $d = 2R$
- $d = l\sqrt{2}$
- $P = 4l$
- $A = l^2$

Hexágono Regular



- $R = l$
- $r = \frac{l\sqrt{3}}{2}$
- $P = 6l$
- $d = 2r$
- $D = 2R$
- $A = \frac{3l^2\sqrt{3}}{2}$

Octógono Regular



- $x = \frac{l\sqrt{2}}{2}$
- $P = 8l$
- $A = 2\sqrt{2} \cdot R^2$
- $A = 2l^2 \cdot (1 + \sqrt{2})$