



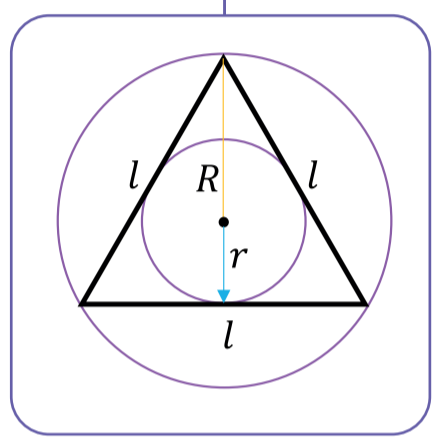
# MAPA MENTAL

## POLÍGONOS REGULARES

### POLÍGONOS REGULARES

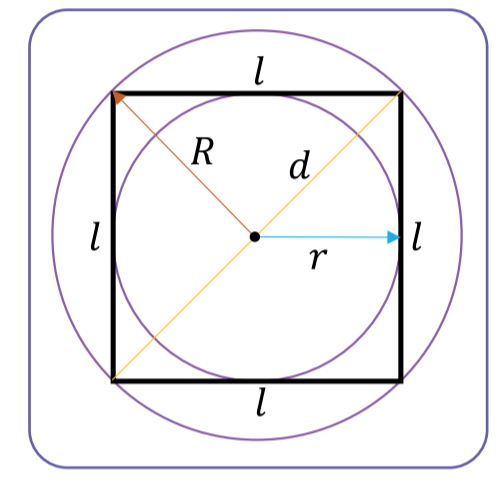
Apótema ( $a$ ) = Raio da circunferência inscrita ( $r$ ).

#### Triângulo Equilátero



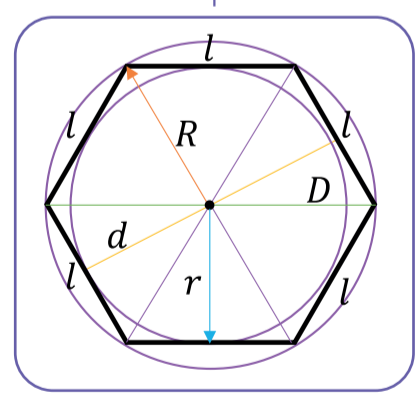
- $h = r + R$
- $h = \frac{l\sqrt{3}}{2}$
- $r = \frac{1}{3}h$
- $R = \frac{2}{3}h$
- $P = 3l$
- $A = \frac{l^2\sqrt{3}}{4}$

#### Quadrado



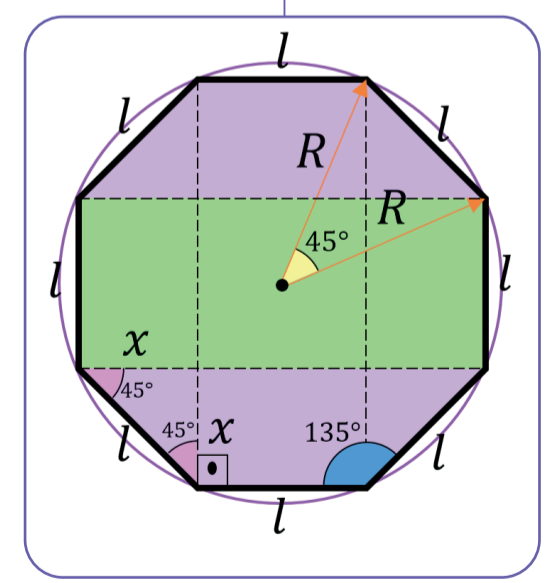
- $r = \frac{l}{2}$
- $R = \frac{l\sqrt{2}}{2}$
- $d = 2R$
- $d = l\sqrt{2}$
- $P = 4l$
- $A = l^2$

#### 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



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