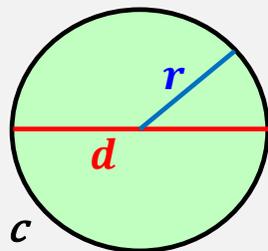


### CIRCONFERENZA E CERCHIO

$$\pi = 3,14\dots$$



$c = \text{circonferenza}$

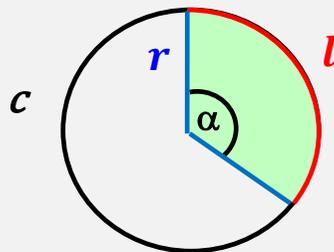
$$c = 2r\pi = d\pi$$

$$A_c = \pi r^2$$

$$r = \frac{c}{2\pi} \quad d = \frac{c}{\pi}$$

$$r = \sqrt{\frac{A_c}{\pi}}$$

### ARCO E SETTORE CIRCOLARE

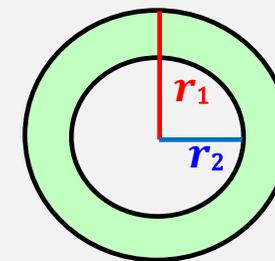


$l = \text{arco}$

$$l : c = \alpha : 360^\circ$$

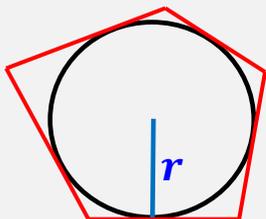
$$A_s : A_c = \alpha : 360^\circ$$

### CORONA CIRCOLARE



$$A = \pi r_1^2 - \pi r_2^2 = \pi(r_1^2 - r_2^2)$$

### POLIGONO CIRCOSCRITTO

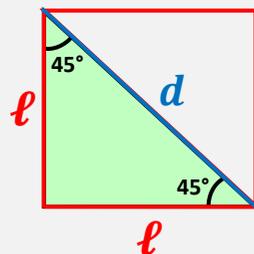


$p = \text{perimetro}$

$$A = \frac{p \times r}{2}$$

$$p = \frac{2 \times A}{r} \quad r = \frac{2 \times A}{p}$$

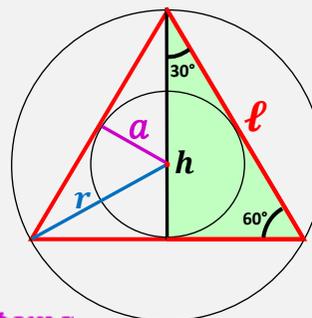
### QUADRATO (45°)



$$d = l \times \sqrt{2}$$

$$l = \frac{d}{\sqrt{2}}$$

### TRIANG. EQUILATERO (30°-60°)



$a = \text{apotema}$

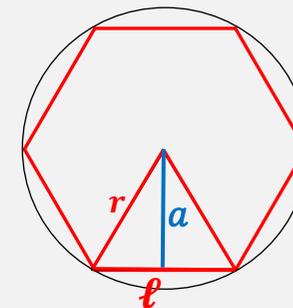
$$h = a \times 3$$

$$r = a \times 2$$

$$h = l \times \frac{\sqrt{3}}{2}$$

$$l = h \times \frac{2}{\sqrt{3}}$$

### ESAGONO REGOLARE



$$r = l$$

$$a = l \times \frac{\sqrt{3}}{2}$$

$$A = l \times \frac{3\sqrt{3}}{2}$$