

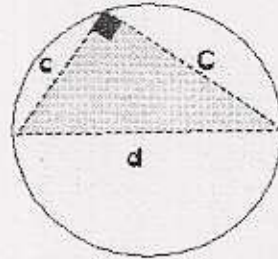
PITAGORA E CIRCONFERENZE

Ipotenusa = Diametro

$$d = \sqrt{c^2 + c^2}$$

$$c = \sqrt{d^2 - c^2}$$

$$c = \sqrt{d^2 - c^2}$$

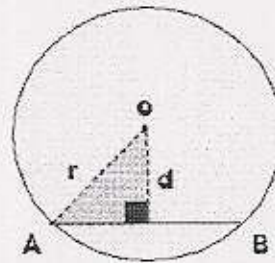


Cateto Maggiore = metà corda
Cateto minore = distanza dal centro
Ipotenusa = raggio

$$r = \sqrt{d^2 + \left(\frac{AB}{2}\right)^2}$$

$$d = \sqrt{r^2 - \left(\frac{AB}{2}\right)^2}$$

$$\frac{AB}{2} = \sqrt{r^2 - d^2}$$



Cateto minore = raggio Cateto Maggiore = TP
Ipotenusa = segmento OP

$$OP = \sqrt{r^2 + TP^2}$$

$$r = \sqrt{OP^2 - TP^2}$$

$$TP = \sqrt{OP^2 - r^2}$$

