## *Théorème de Thalès :*

$$\frac{t_p}{t_g} = \frac{r_p}{r_g} = \frac{d_p}{d_g}$$

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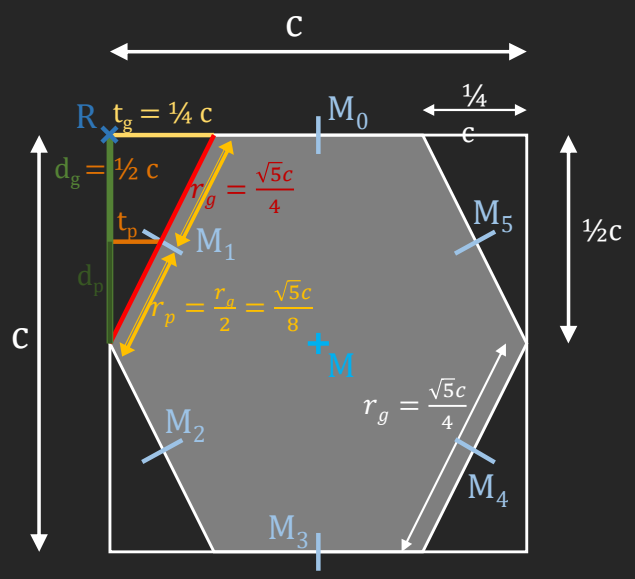
- $t_p = \frac{r_p}{r_g} * t_g = \frac{\frac{r_g}{2}}{r_g} * t_g = \frac{t_g}{2}$
- $\mathbf{t_p = \frac{c}{8}}$

- $d_p = \frac{r_p}{r_g} * d_g = \frac{d_g}{2}$
- $\mathbf{d_p = \frac{c}{4}}$




## *Coordonnées :*

- ✓ $R = ( x_r ; y_r )$
- ✓ $M = ( x_r + \frac{c}{2} ; y_r + \frac{c}{2} )$

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- ✓ $M_0 = ( x_r + \frac{c}{2} ; y_r + 0 )$
- ✓ $M_1 = ( x_r + \frac{c}{8} ; y_r + \frac{c}{4} )$
- ✓ $M_2 = ( x_r + \frac{c}{8} ; y_r + \frac{3c}{4} )$
- ✓ $M_3 = ( x_r + \frac{c}{2} ; y_r + c )$
- ✓ $M_4 = ( x_r + \frac{7c}{8} ; y_r + \frac{3c}{4} )$
- ✓ $M_5 = ( x_r + \frac{7c}{8} ; y_r + \frac{c}{4} )$