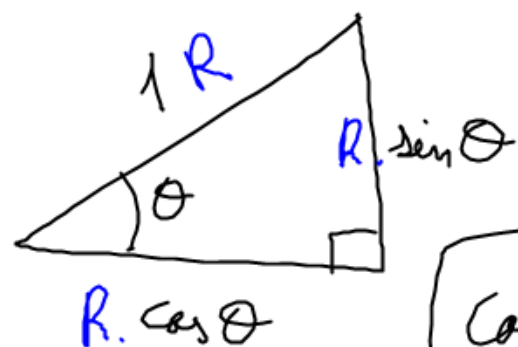
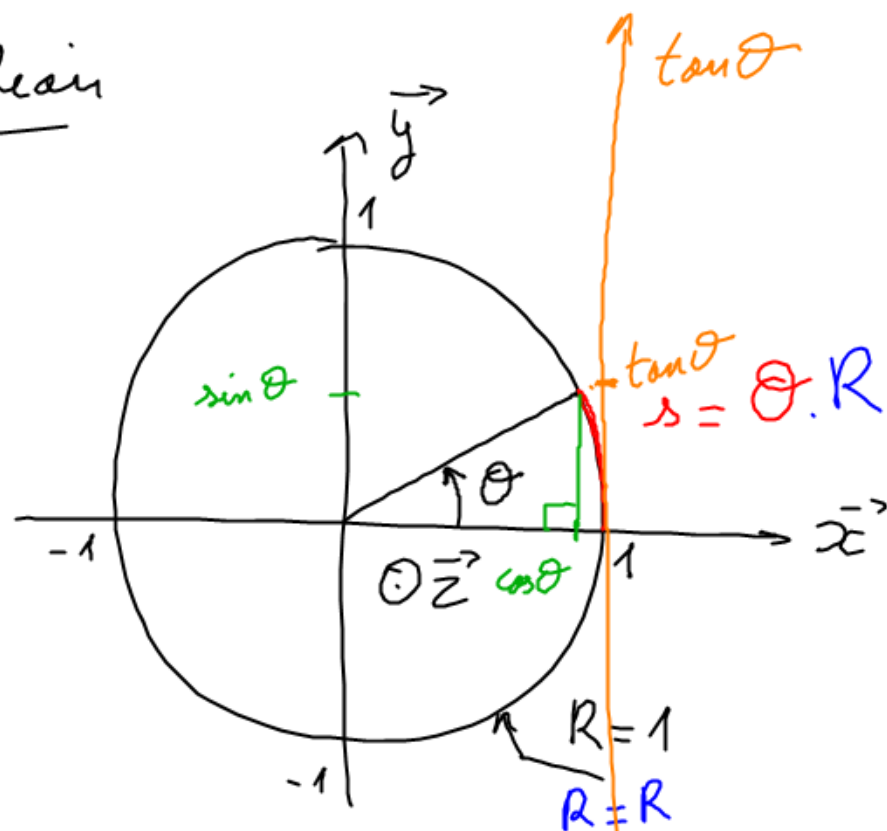


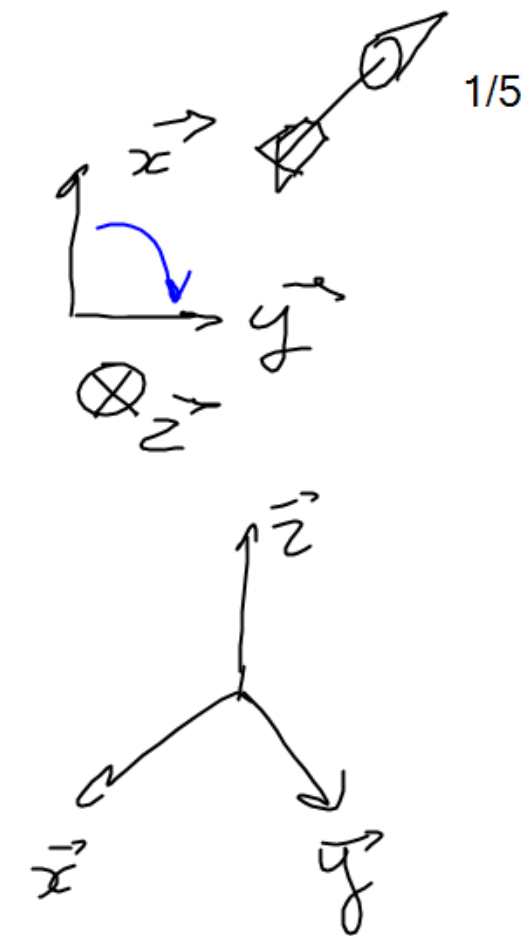
Trigonométrie et vecteurs

1) Le radian

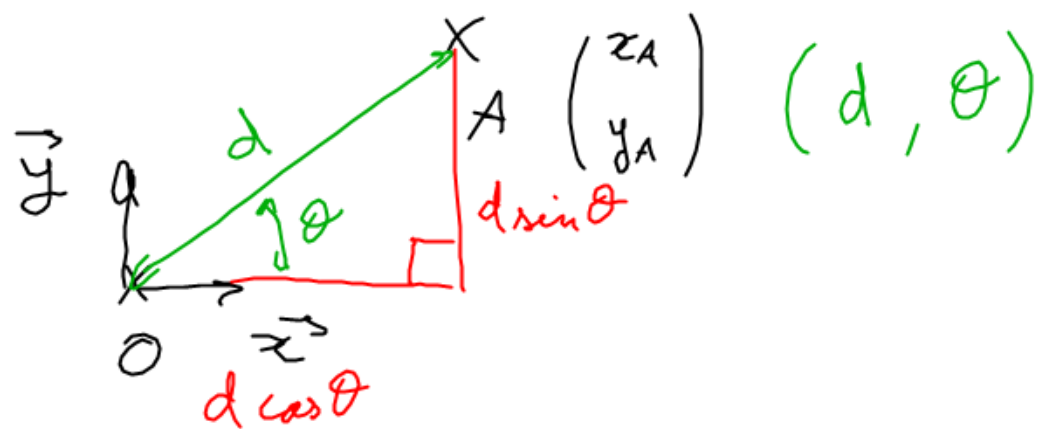


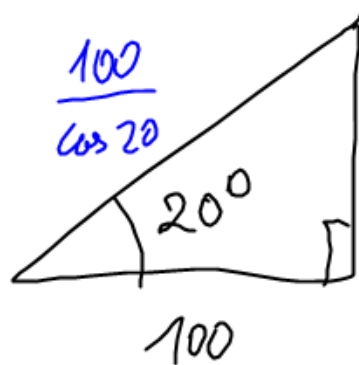
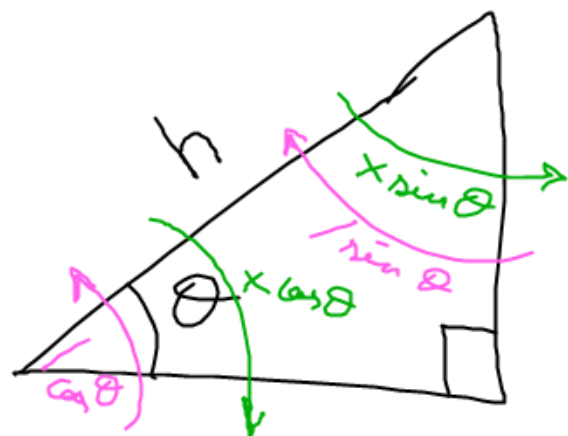
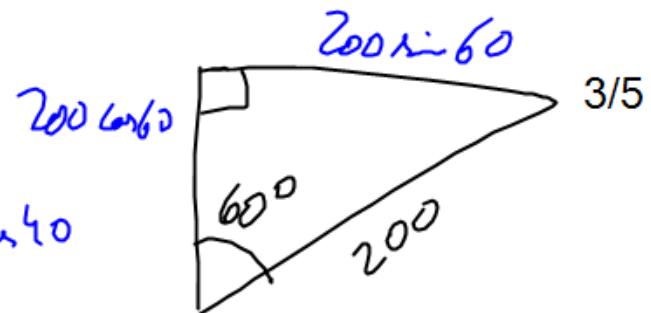
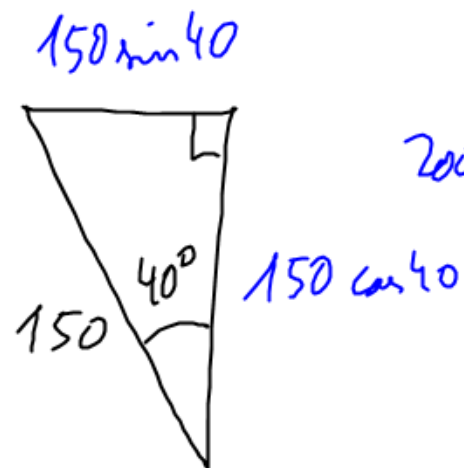
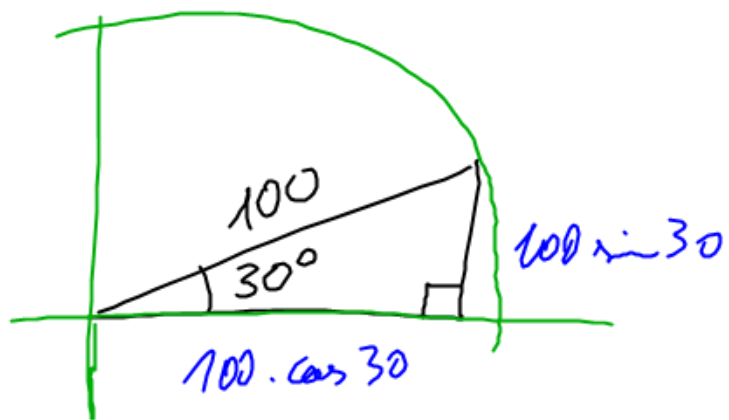
$$\cos^2 \theta + \sin^2 \theta = 1$$

$$P = 2\pi R$$



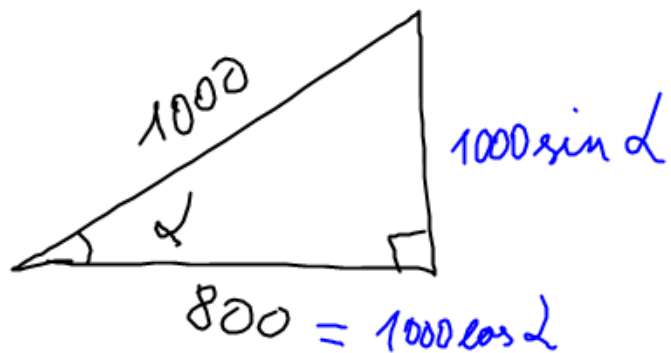
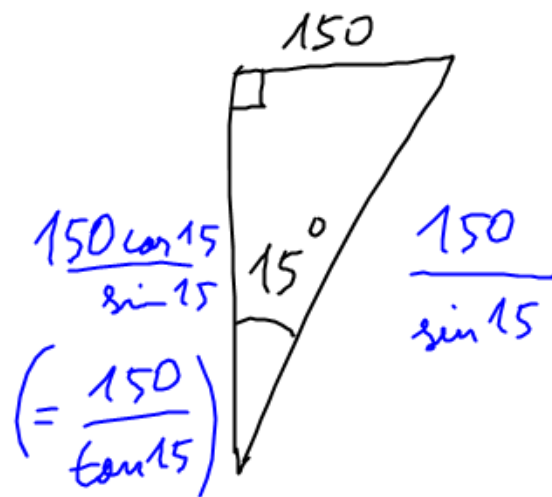
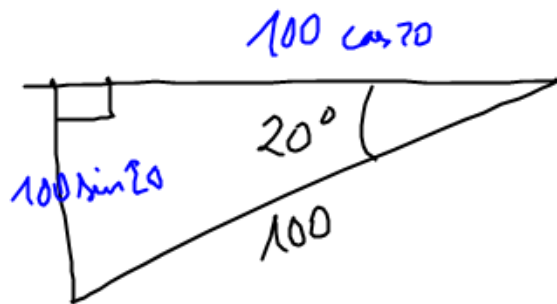
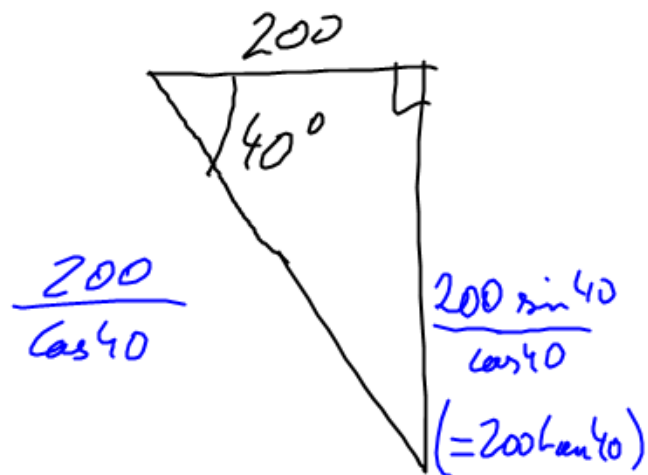
$$\vec{x} \wedge \vec{y} = \vec{z}$$





$$\frac{100}{\cos 20} \cdot \sin 20 = 100 \tan 20$$

$$\frac{\sin \theta}{\cos \theta} = \tan \theta$$



$$\cos \alpha = \frac{800}{1000}$$

$$\alpha = \cos^{-1} \left(\frac{800}{1000} \right)$$

$$\alpha \approx 36,9^\circ \approx 0,644 \text{ rad}$$

2) Vecteurs

5/5

Graphique

- pt d'applicati.
- directi.
- sens
- norme

Analytique