Vendredi 25/04/2025

NOM, Prénom :

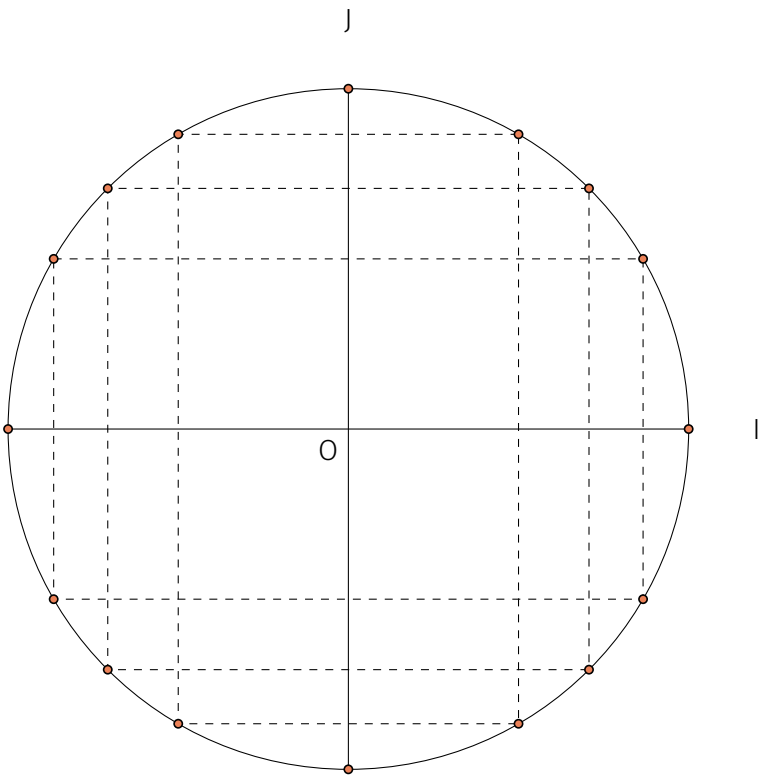
Interrogation de cours - Sujet A

1ère spé

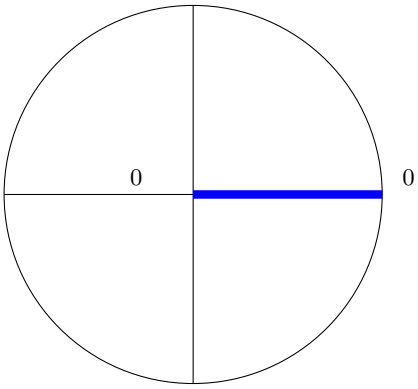
Calculatrice interdite

Pour chaque expression, placer le point M_i correspondant à la valeur de l'angle sur le cercle trigonométrique et donner la valeur exacte :

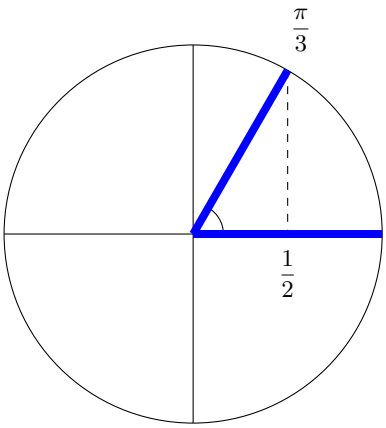
1. $\sin(0) = \ldots$
2. $\cos\left(\frac{\pi}{3}\right) = \ldots$
3. $\sin\left(\frac{\pi}{2}\right) = \ldots$
4. $\cos\left(-\frac{\pi}{4}\right) = \ldots$
5. $\cos\left(\frac{5\pi}{6}\right) = \ldots$
6. $\sin\left(\frac{3\pi}{4}\right) = \ldots$
7. $\cos\left(\frac{\pi}{6}\right) = \ldots$
8. $\sin\left(-\frac{\pi}{2}\right) = \ldots$
9. $\sin\left(\frac{2\pi}{3}\right) = \ldots$
10. $\cos(3\pi) = \ldots$



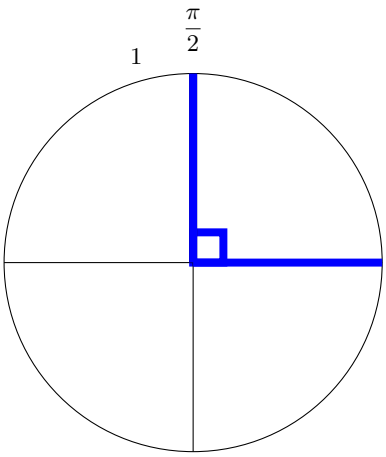
1. $\sin(0) = 0$



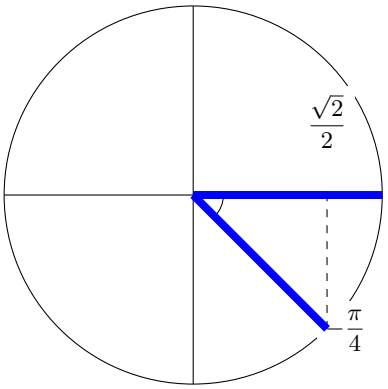
2. $\cos\left(\frac{\pi}{3}\right) = \frac{1}{2}$



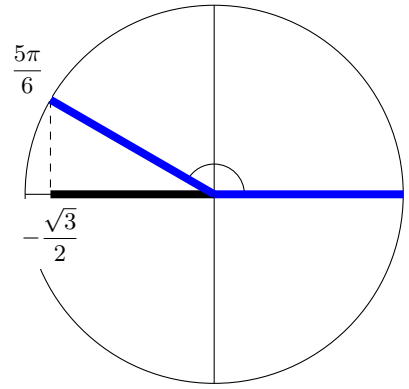
3. $\sin\left(\frac{\pi}{2}\right) = 1$



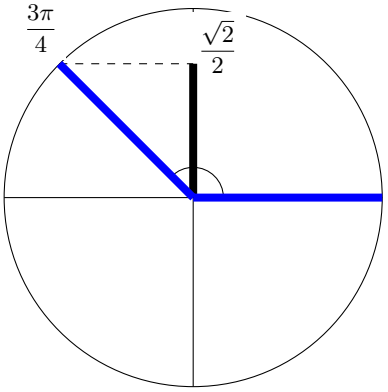
4. $\cos\left(-\frac{\pi}{4}\right) = \frac{\sqrt{2}}{2}$



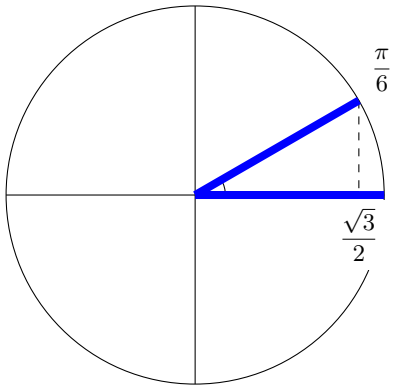
5. $\cos\left(\frac{5\pi}{6}\right) = -\frac{\sqrt{3}}{2}$



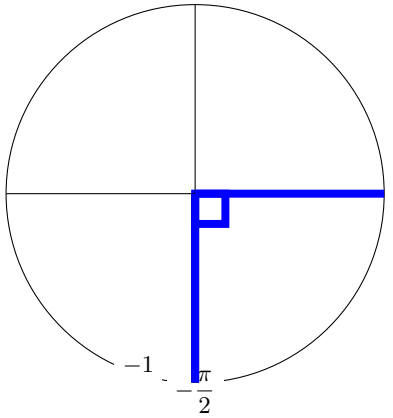
6. $\sin\left(\frac{3\pi}{4}\right) = \frac{\sqrt{2}}{2}$



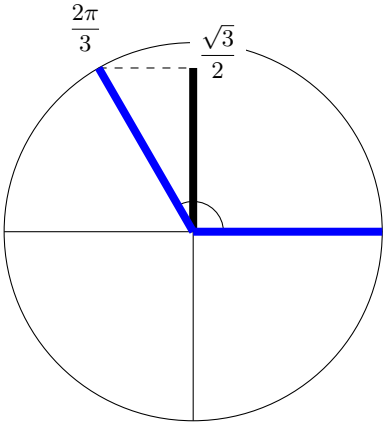
7. $\cos\left(\frac{\pi}{6}\right) = \frac{\sqrt{3}}{2}$



8. $\sin\left(-\frac{\pi}{2}\right) = -1$



9. $\sin\left(\frac{2\pi}{3}\right) = \frac{\sqrt{3}}{2}$



10. $\cos(3\pi) = -1$