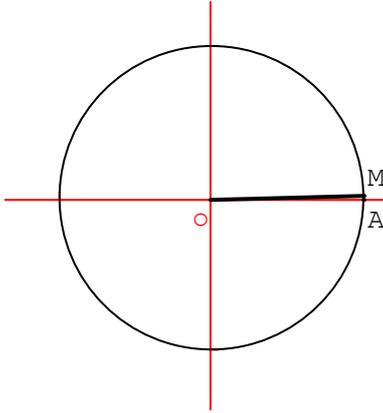


TD n°..... MESURES D'UN ANGLE ORIENTÉ.

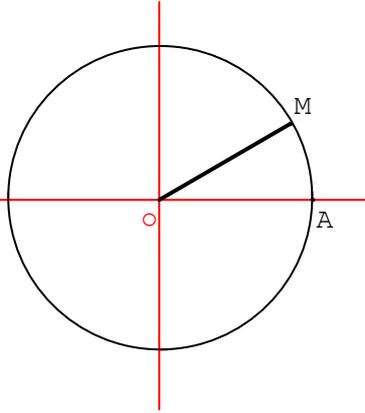
NOM : PRENOM :

Exercice 1 : Pour chacune des seize figures suivantes, déterminez une mesure θ de l'angle orienté (\vec{OA}, \vec{OM})

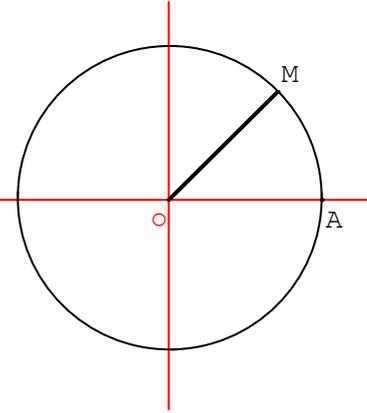
1 : $\theta = 0 + 2k\pi, k \in \mathbb{Z}$



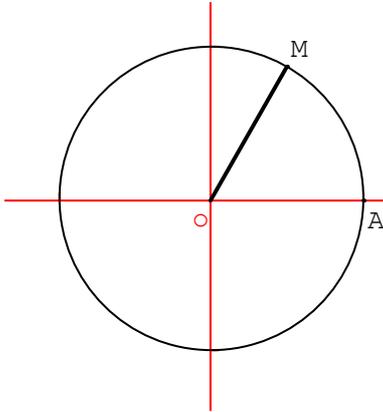
2 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



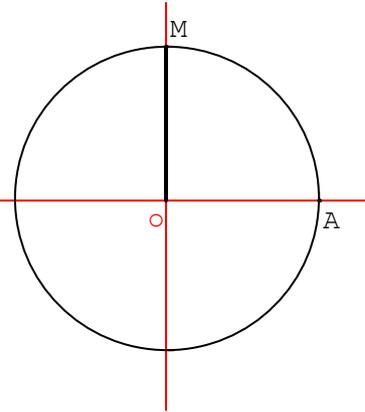
3 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



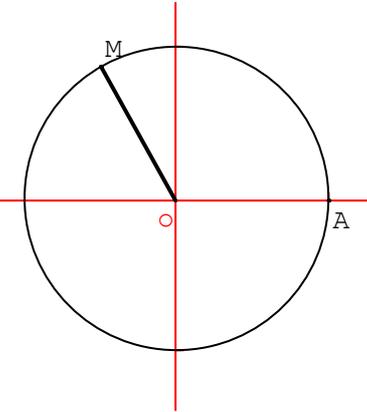
4 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



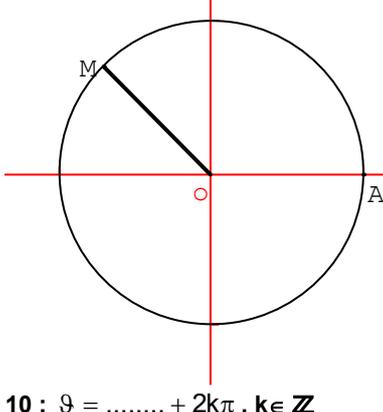
5 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



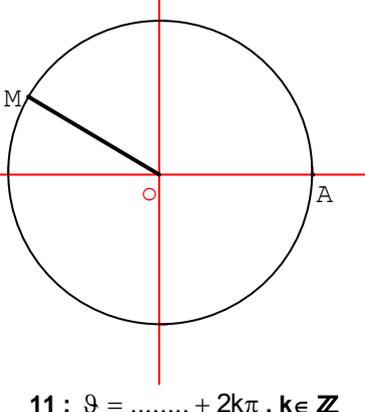
6 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



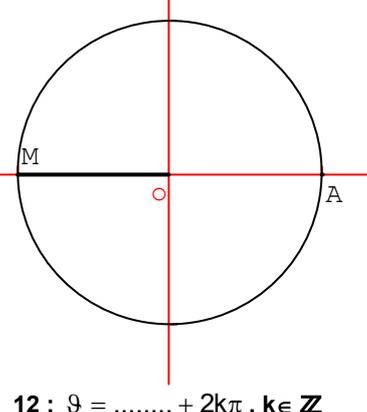
7 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



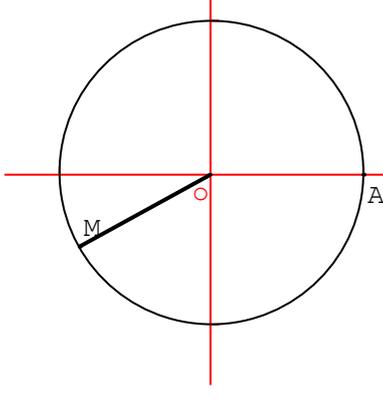
8 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



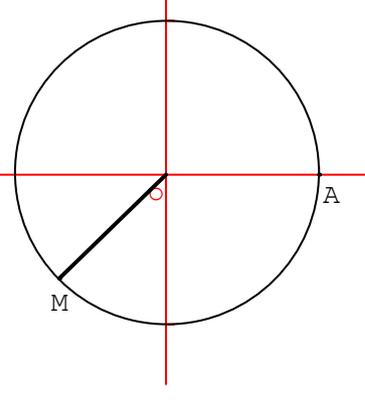
9 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



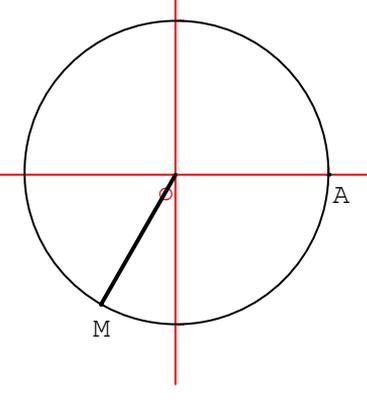
10 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



11 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



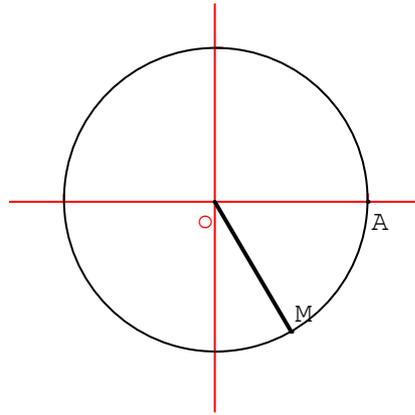
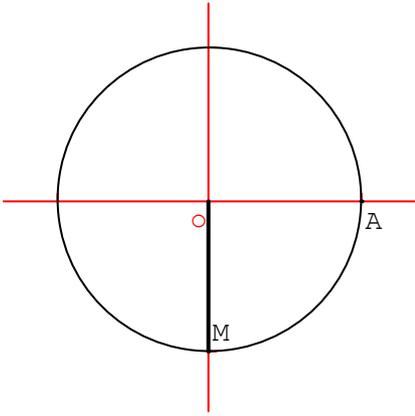
12 : $\theta = \dots + 2k\pi, k \in \mathbb{Z}$



TD n°..... MESURES D'UN ANGLE ORIENTE.

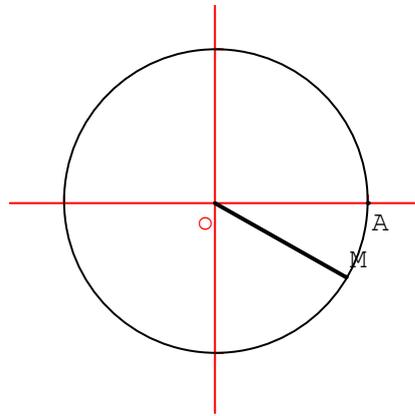
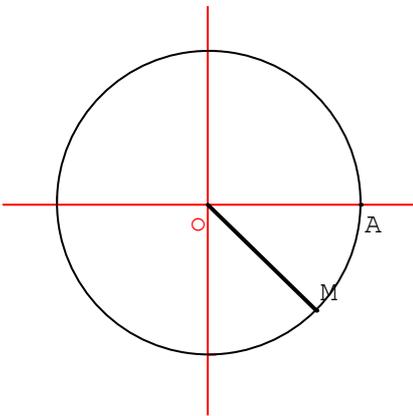
$\vartheta = \dots\dots + 2k\pi, k \in \mathbf{Z}$

$\vartheta = \dots\dots + 2k\pi, k \in \mathbf{Z}$



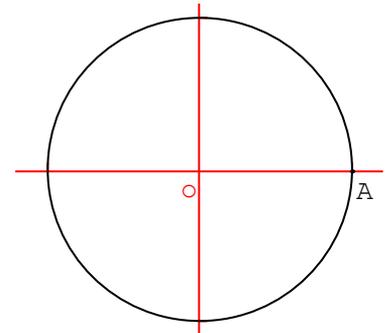
$\vartheta = \dots\dots + 2k\pi, k \in \mathbf{Z}$

$\vartheta = \dots\dots + 2k\pi, k \in \mathbf{Z}$



Exercice n°2 : Sur le cercle trigonométrique ci contre, placer les points B, C, D, E et F représentant respectivement :

- a) $\frac{\pi}{6}$ b) $\frac{\pi}{4}$ c) $\frac{\pi}{3}$ d) $\frac{11\pi}{6}$ e) $\frac{5\pi}{4}$



Exercice n°3 : Sur le cercle trigonométrique ci contre, placer les points G, H, K, L et M représentant respectivement :

- a) $-\frac{\pi}{2}$ b) $\frac{3\pi}{4}$ c) $\frac{3\pi}{2}$ d) $\frac{2\pi}{3}$ e) $-\frac{\pi}{6}$

