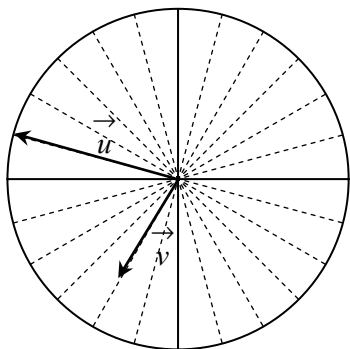


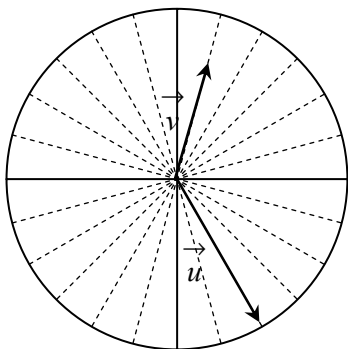
EXERCICE 2C.1

On a partagé le cercle en 24 secteurs d'angle $\frac{\pi}{12}$. Le sens direct est le sens antihoraire.

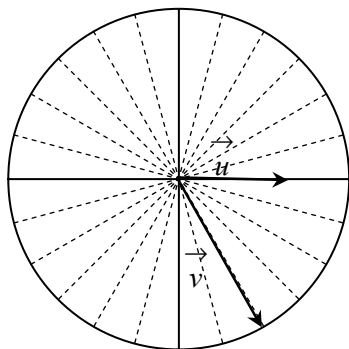
a. Dans chaque cas, donner la mesure principale de l'angle $(\vec{u} ; \vec{v})$:



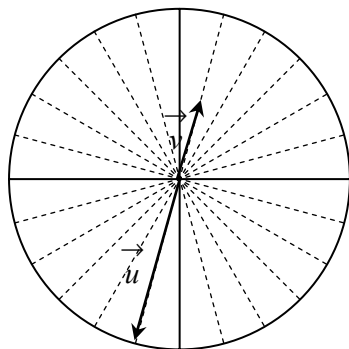
$(\vec{u} ; \vec{v}) =$



$(\vec{u} ; \vec{v}) =$

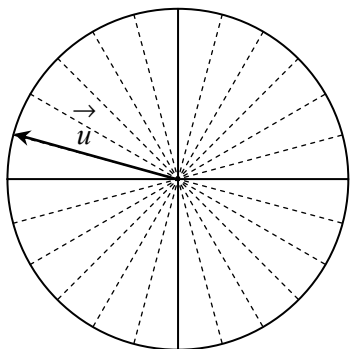


$(\vec{u} ; \vec{v}) =$

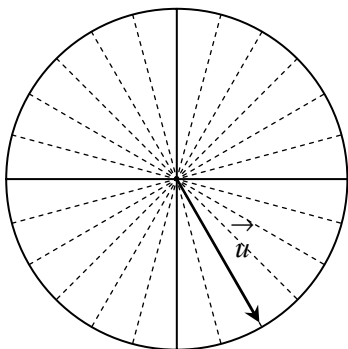


$(\vec{u} ; \vec{v}) =$

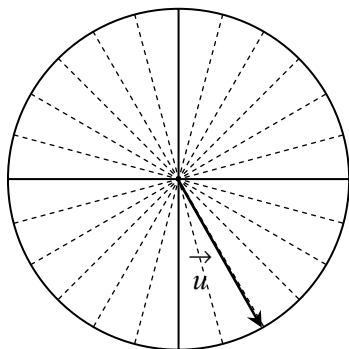
b. Dans chaque cas, construire un vecteur \vec{v} satisfaisant la condition sur $(\vec{u} ; \vec{v})$:



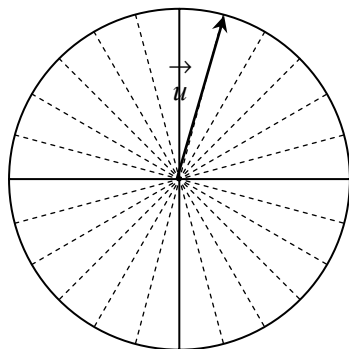
$(\vec{u} ; \vec{v}) = \frac{\pi}{3}$



$(\vec{u} ; \vec{v}) = -\frac{\pi}{4}$



$(\vec{u} ; \vec{v}) = -\frac{2\pi}{3}$



$(\vec{u} ; \vec{v}) = \frac{5\pi}{6}$

EXERCICE 2C.2

Déterminer les angles suivants :

$\rightarrow (\vec{v} ; \vec{w}) =$

$\rightarrow (\vec{u} ; \vec{w}) =$

$\rightarrow (\vec{x} ; \vec{y}) =$

$\rightarrow (\vec{u} ; \vec{y}) =$

$\rightarrow (\vec{x} ; \vec{w}) =$

$\rightarrow (\vec{u} ; \vec{x}) =$

$\rightarrow (\vec{z} ; \vec{v}) =$

