

# Chapitre 6

## Partie 1 - Cercles et disques

### I – Définition :

#### 1) Cercle :

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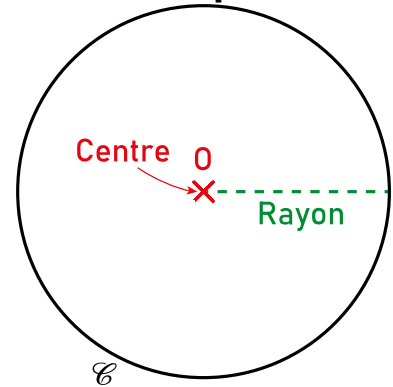
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#### Exemple :



#### 2) Disque :

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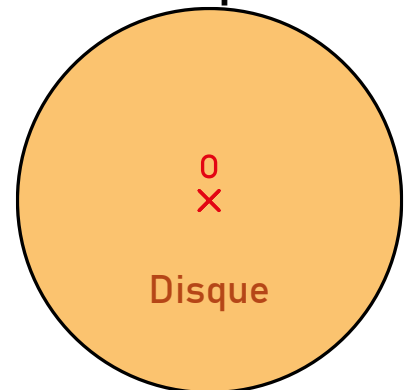
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#### Exemple :



### II – Vocabulaire :

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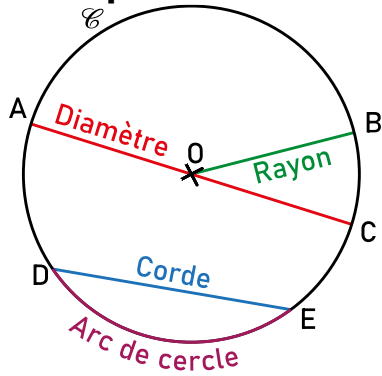
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**Exemple :**



*Remarque :*

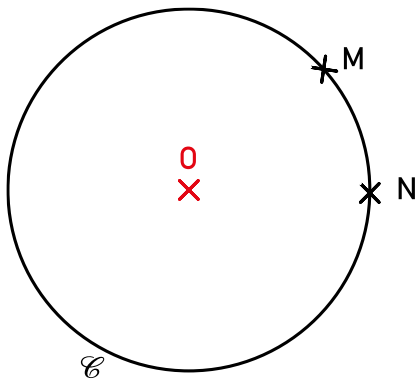
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### **III – Propriétés :**

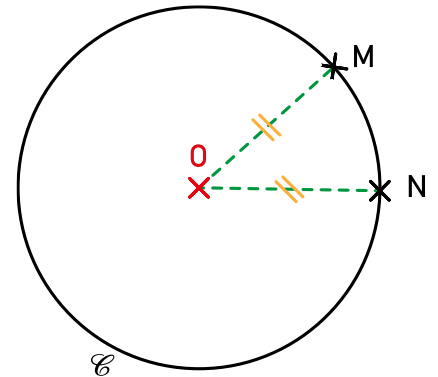
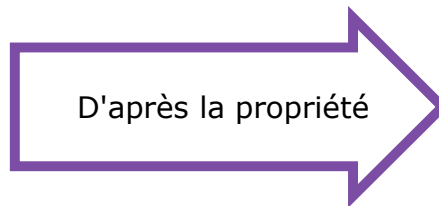
Propriété :

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**On sait que** les points M et N sont sur le cercle.

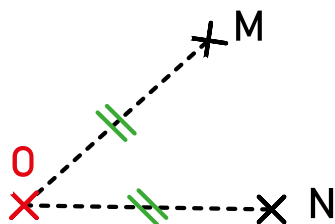


$$OM = ON$$

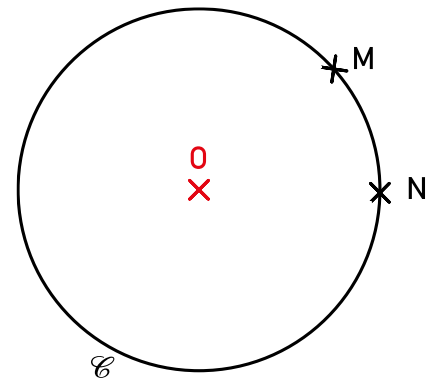
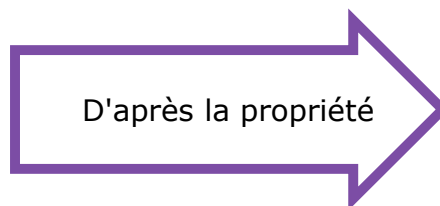
Propriété :

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**On sait que**  $OM = ON$ .



M et N appartiennent **au même cercle** de centre O.