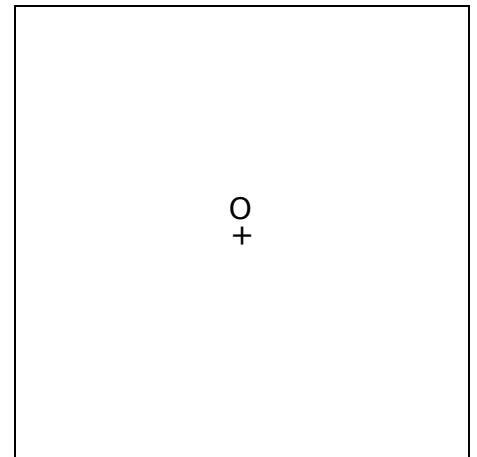


## Activité Introduction

1. Construire un cercle de centre O et de rayon 2,5cm. Placer un point A sur ce cercle.
2. Placer B le point d'intersection de la droite (AO) et du cercle.
3. Placer un point C du cercle distinct de A et B.
4. Compléter :  
 [AB] est un ..... du cercle  
 [OC] est un ..... du cercle



## I – Cercle :

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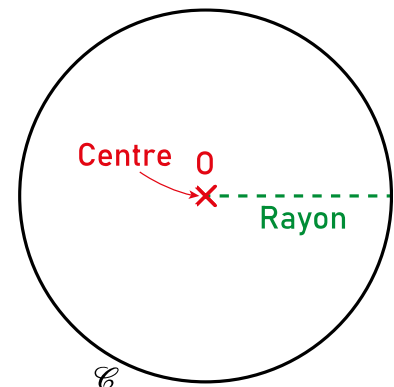
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### Exemple :



## II – Vocabulaire :

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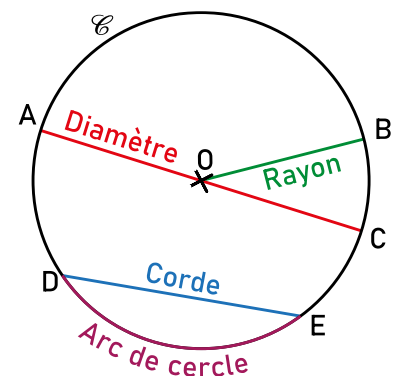
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### Exemple :



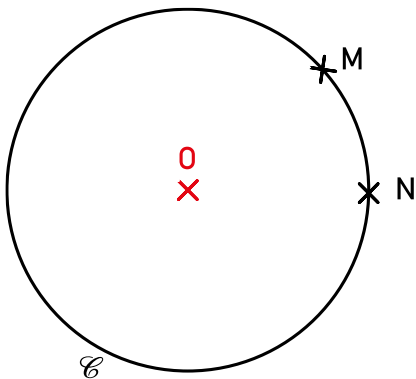
**Remarque :**

- .....

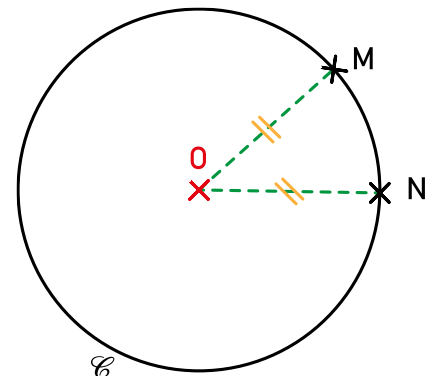
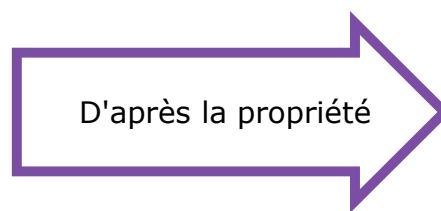
### **III – Propriétés :**

Propriété :

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.....



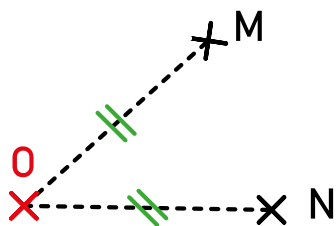
**On sait que** les points  $M$  et  $N$  sont sur le cercle.



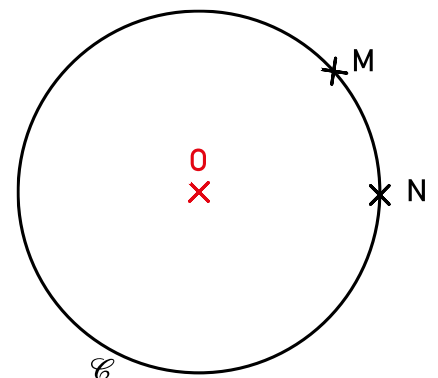
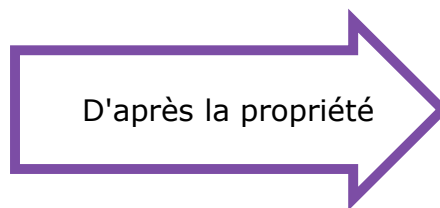
**$OM = ON$**

Propriété :

.....  
.....



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



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