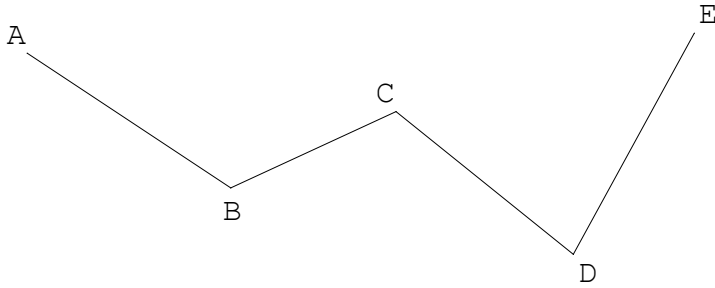
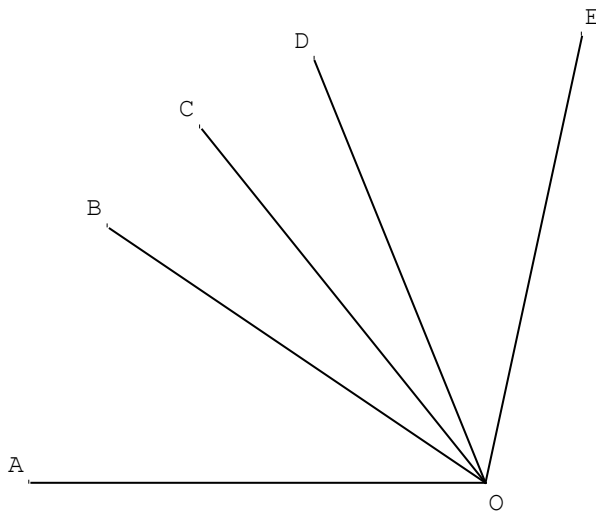


Exercice 78 p.249 :



Exercice 81 p.250 :



1) Pour pouvoir construire la figure, il faut connaître la mesure de l'angle \widehat{BOD} .

Mesure de \widehat{BOD} :

$$\widehat{BOD} = \widehat{BOC} + \widehat{COD} = 17 + 17 = 34.$$

L'angle \widehat{BOD} mesure $\boxed{34^\circ}$.

2) Mesure de \widehat{AOE} :

$$\widehat{AOE} = \widehat{AOB} + \widehat{BOC} + \widehat{COD} + \widehat{DOE} = 34 + 34 + 34.$$

$$\widehat{AOE} = 102.$$

L'angle \widehat{AOE} mesure $\boxed{102^\circ}$.