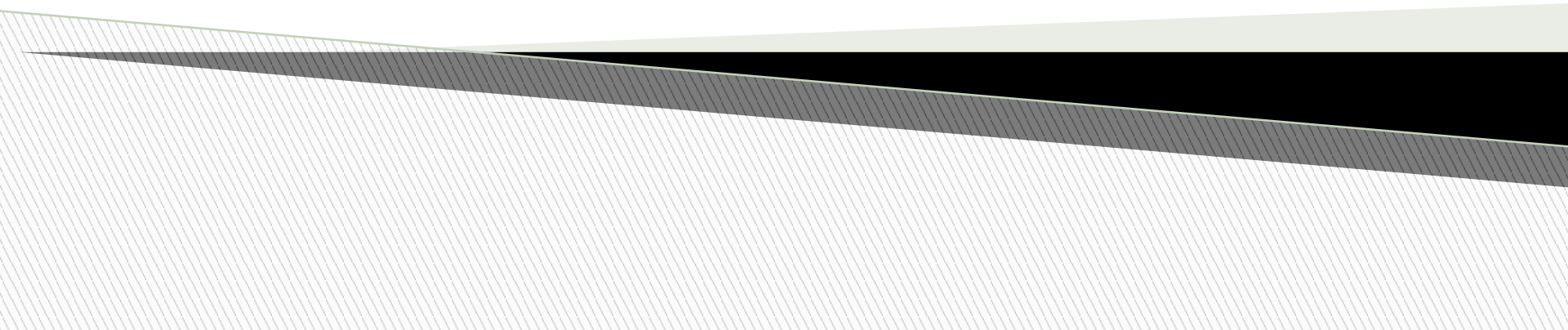
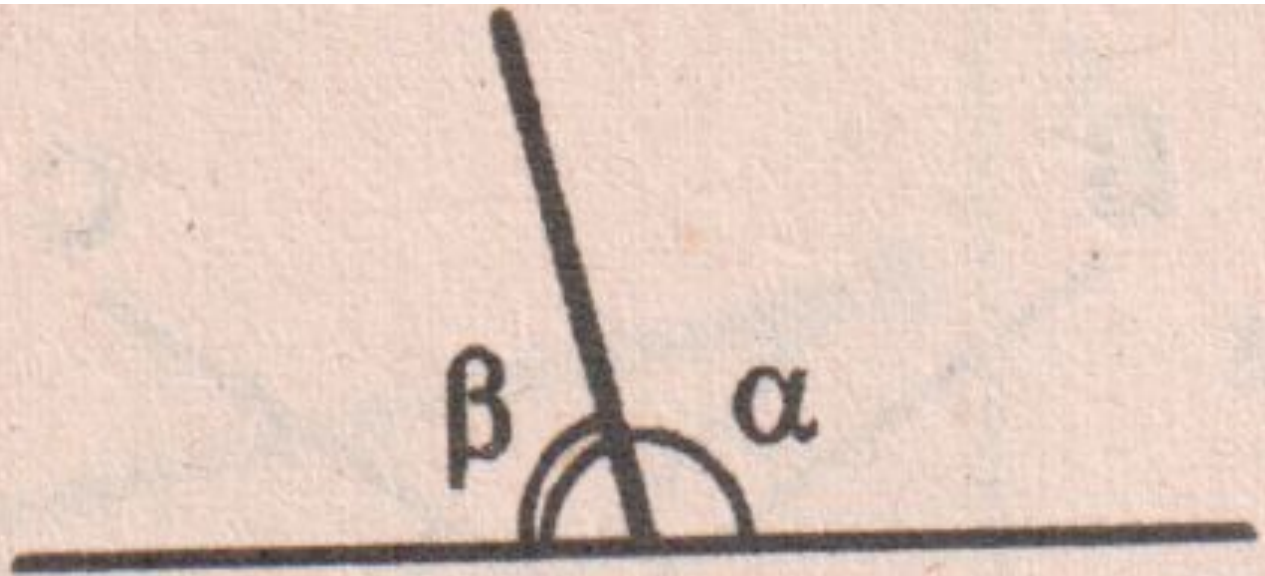


# Решение задач на ГОТОВЫХ чертёжах: Смежные углы



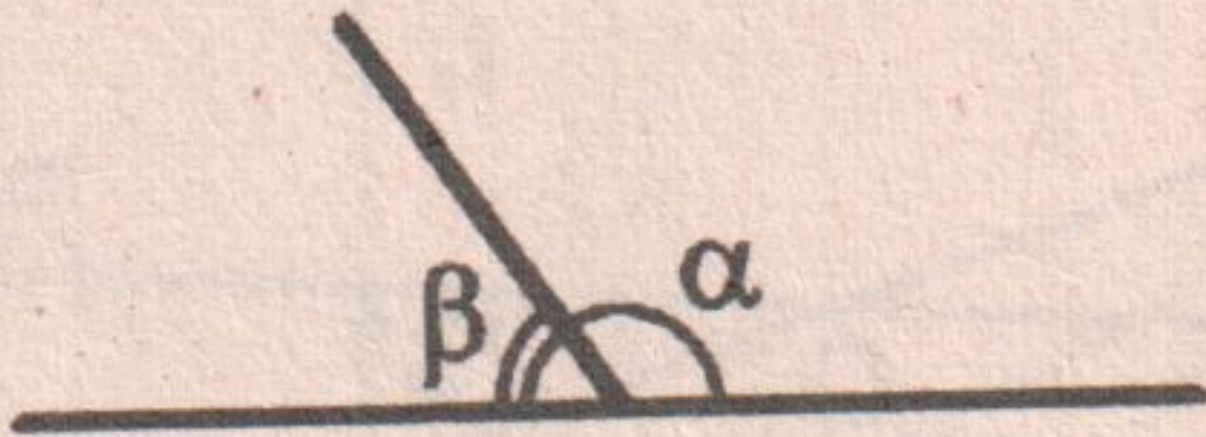
1



Дано:  $\alpha - \beta = 30^\circ$ .

Найти:  $\alpha, \beta$ .

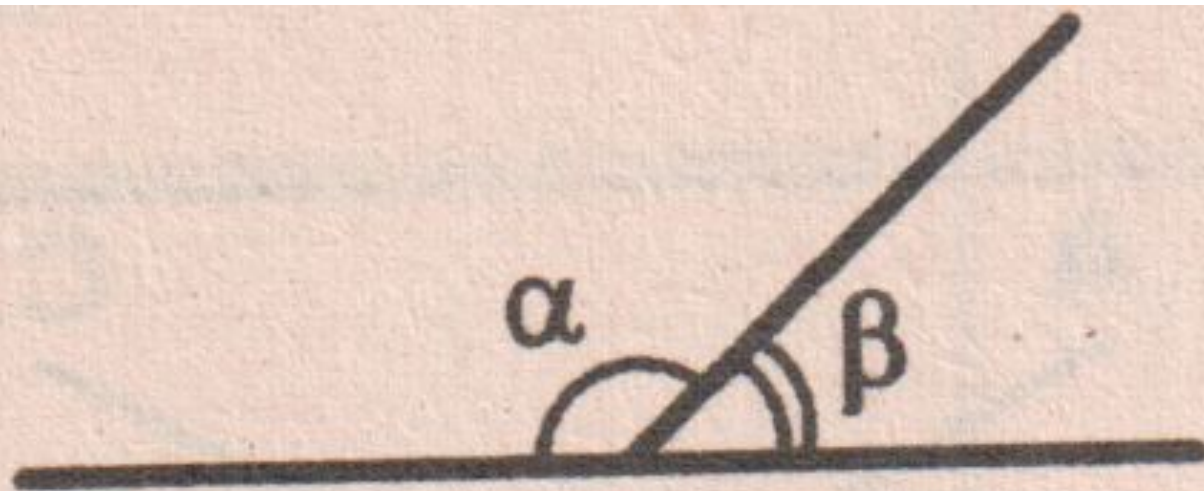
2



Дано:  $\alpha = 90^\circ + \beta$ .

Найти:  $\alpha, \beta$ .

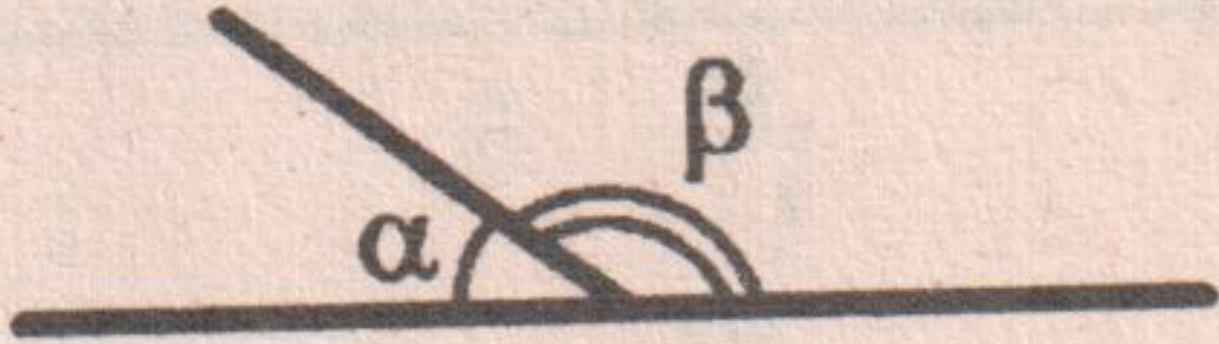
3



Дано:  $\alpha = 3\beta$ .

Найти:  $\alpha$ ,  $\beta$ .

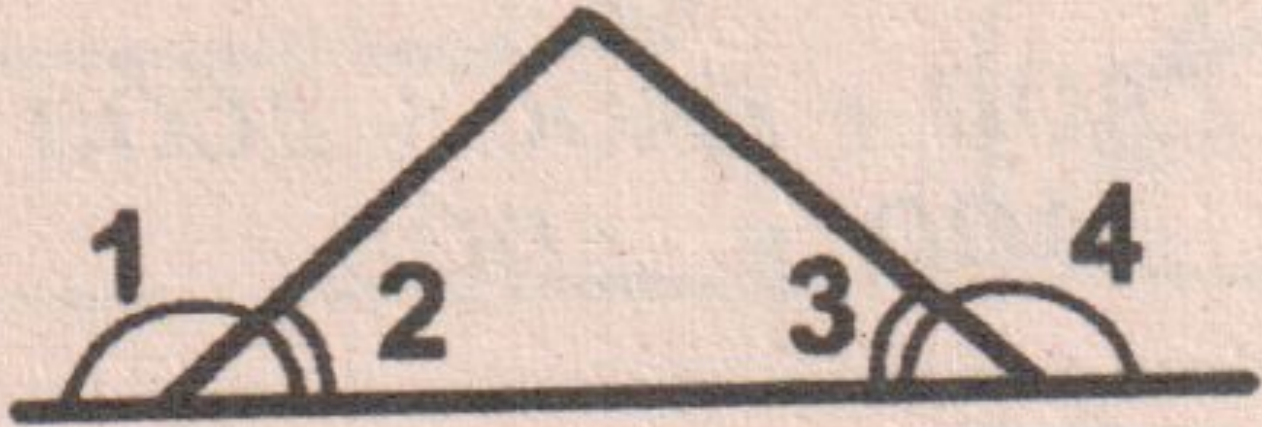
4



Дано:  $\alpha : \beta = 1 : 5$ .

Найти:  $\alpha, \beta$ .

5



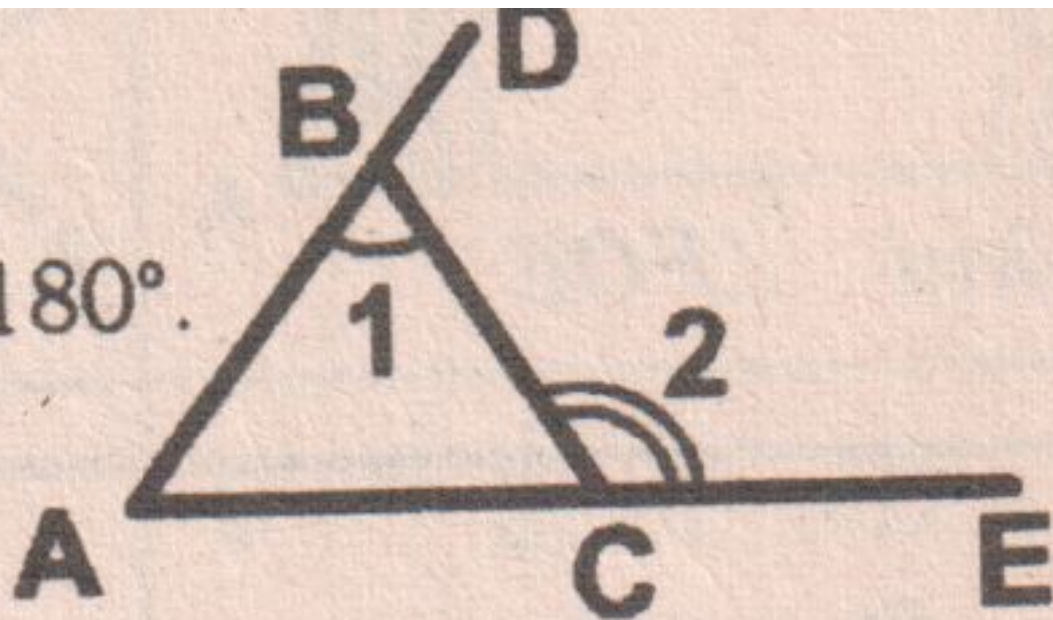
Дано:  $\angle 1 = \angle 4$ .

Доказать:  $\angle 2 = \angle 3$ .

6

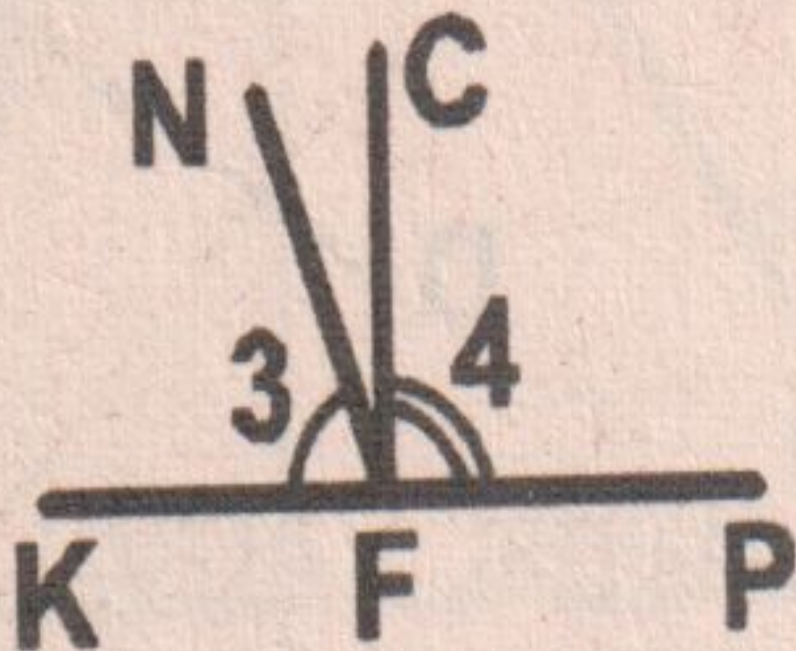
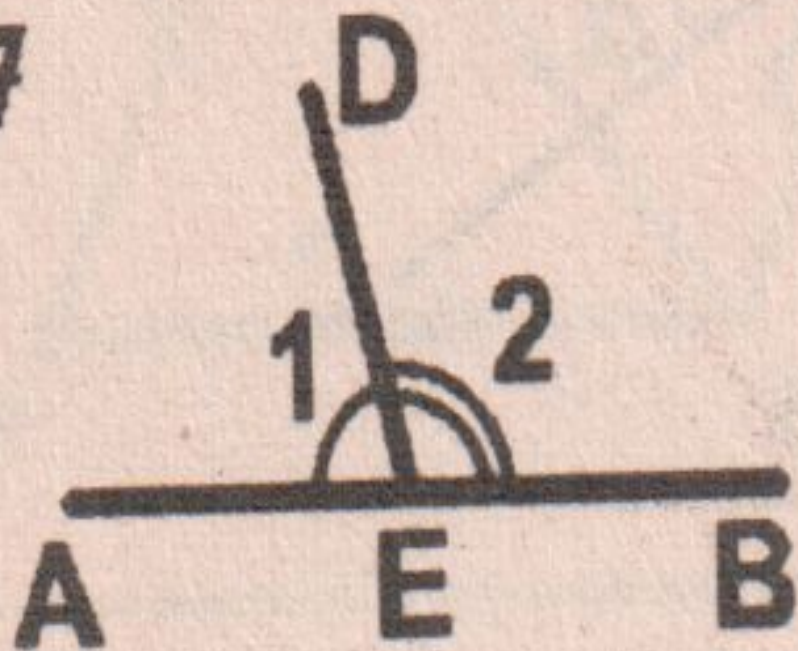
Дано:

$$\angle 1 + \angle 2 = 180^\circ.$$



Доказать: 1)  $\angle ABC = \angle ACB$ ;  
2)  $\angle DBC = \angle BCE$ .

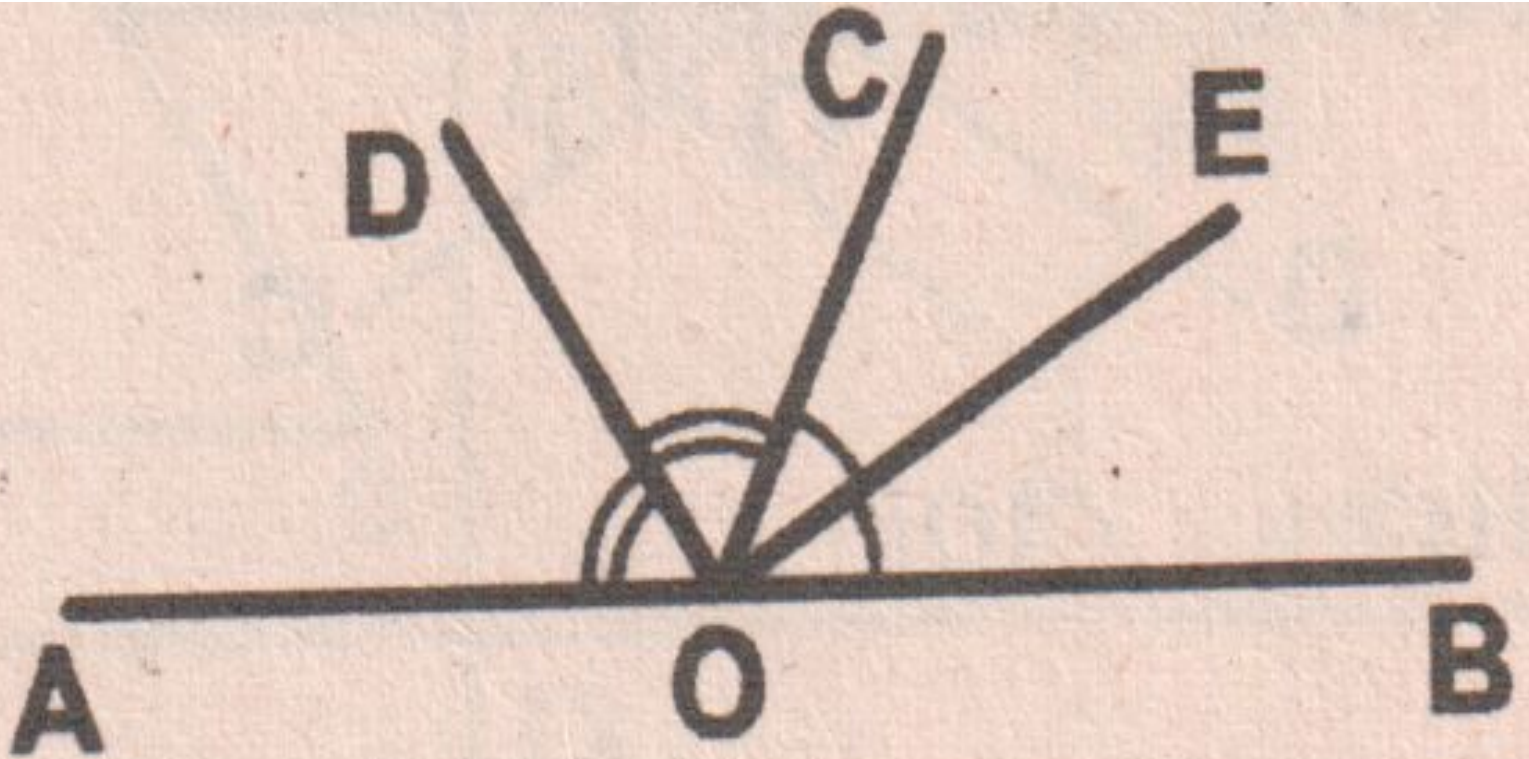
7



Дано:  $\angle 1 = \angle 2$ ,  $\angle 3 = \angle 4$ .  
Найти ошибку.

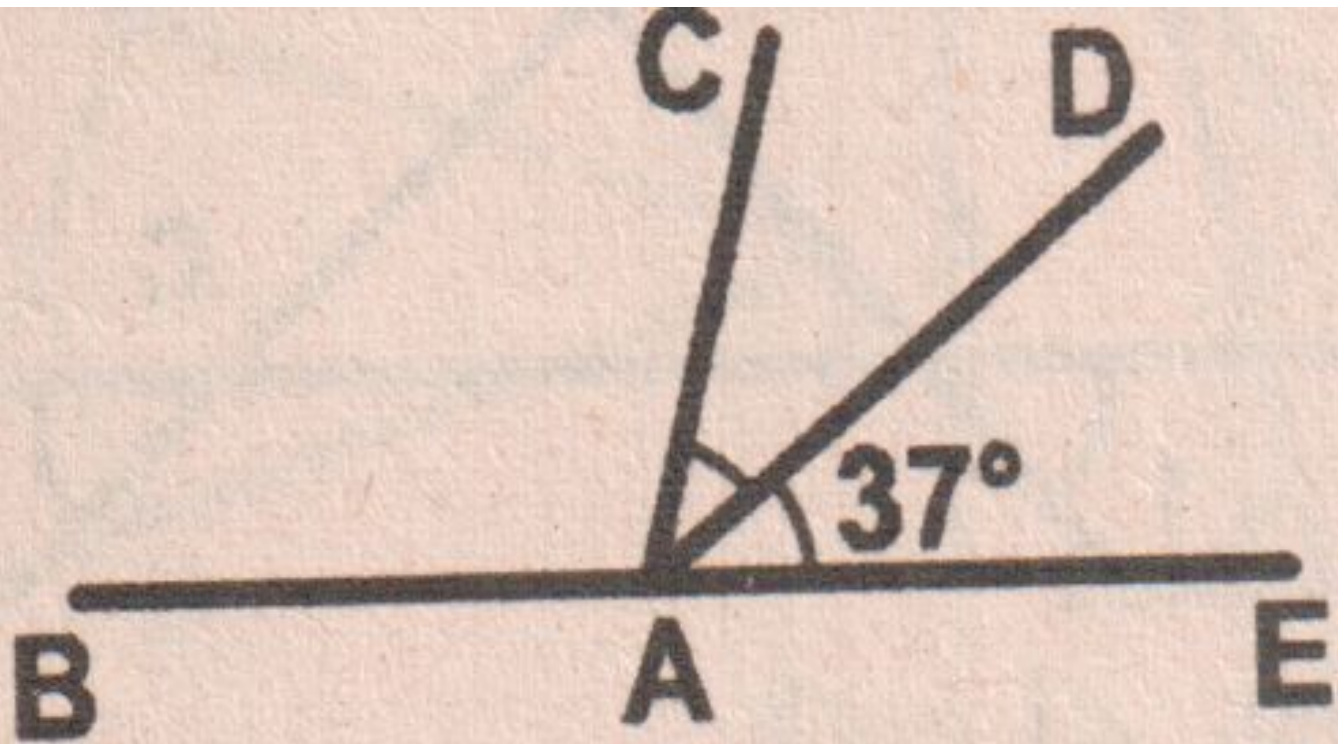


8



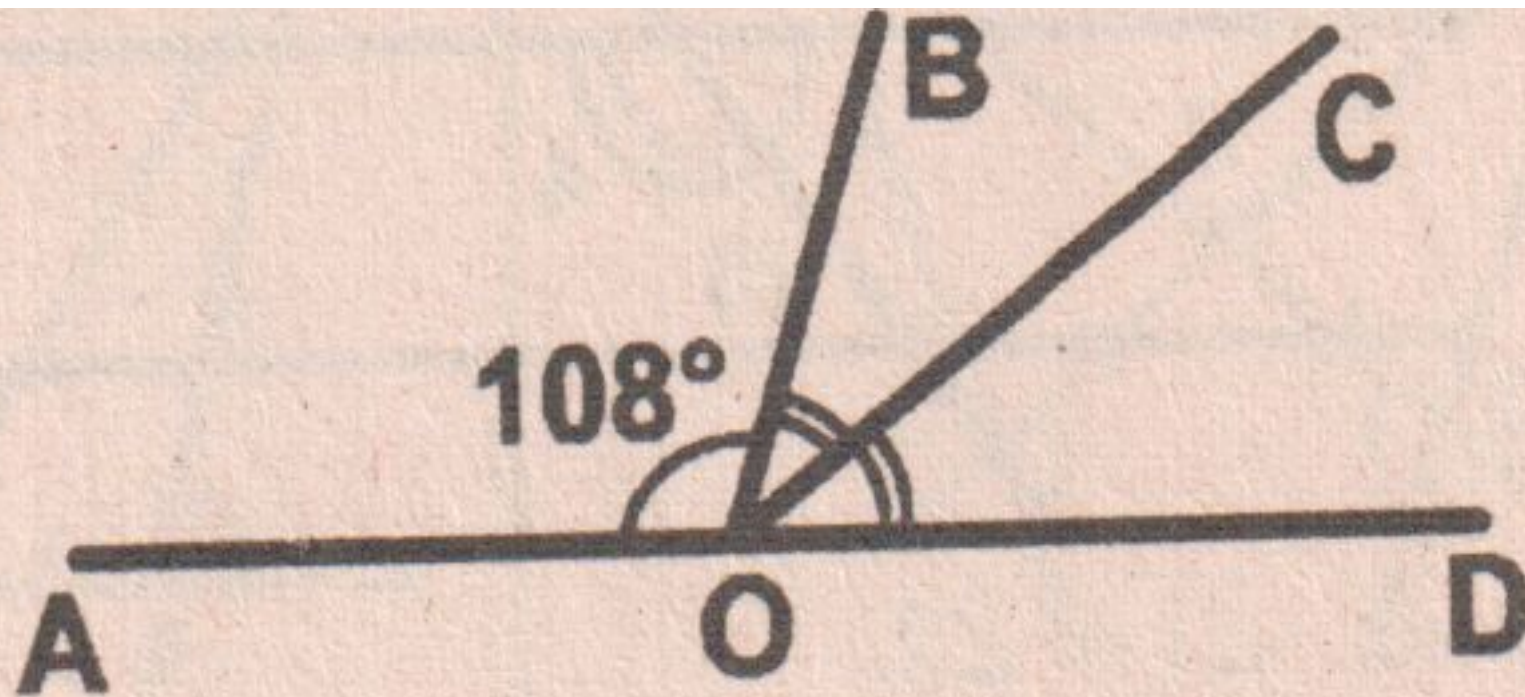
Найти:  $\angle DOE$

9



Найти:  $\angle BAC$ .

10



Найти:  $\angle BOC$ .