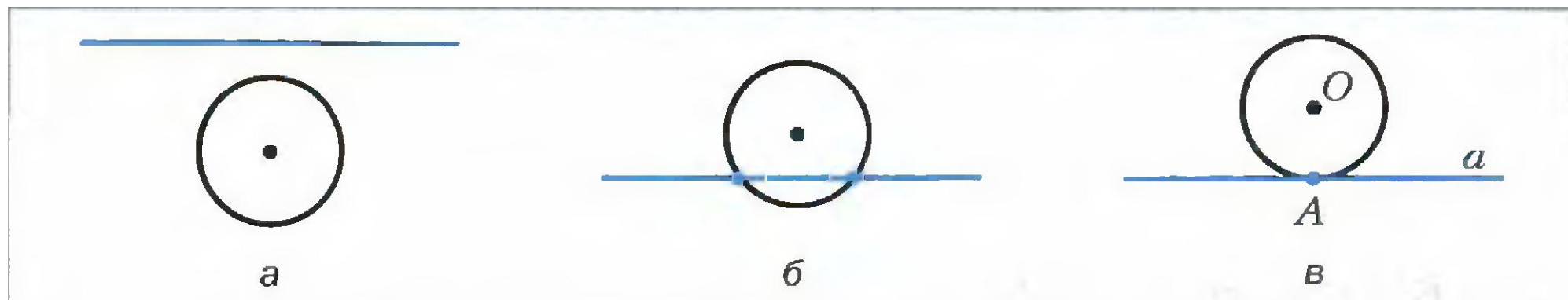
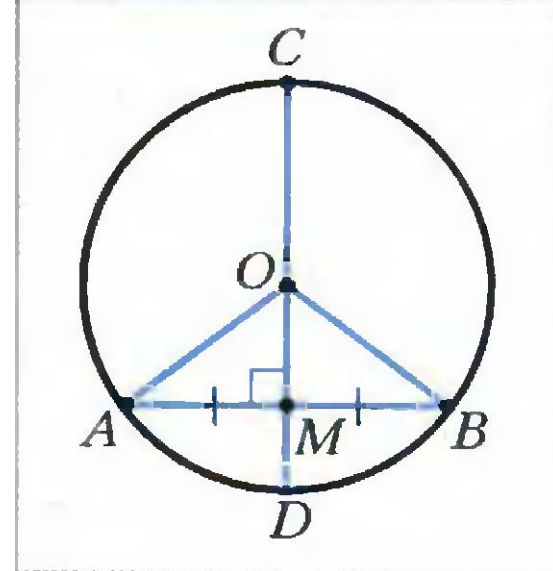
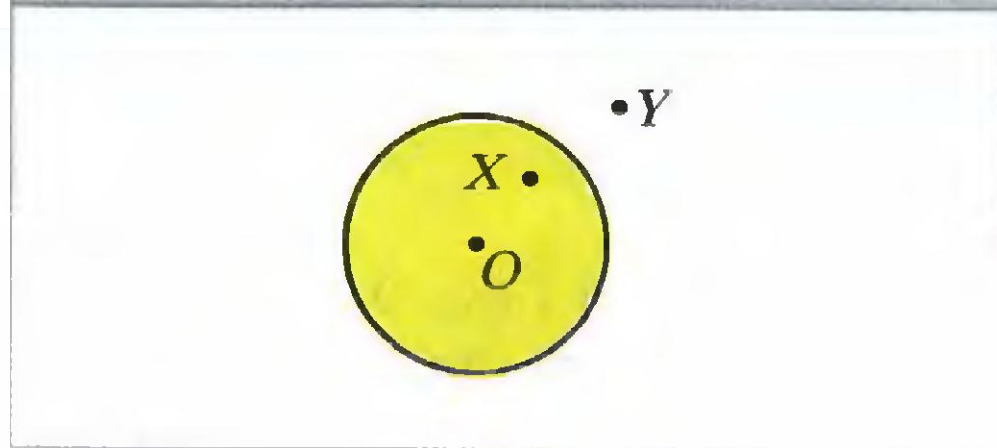
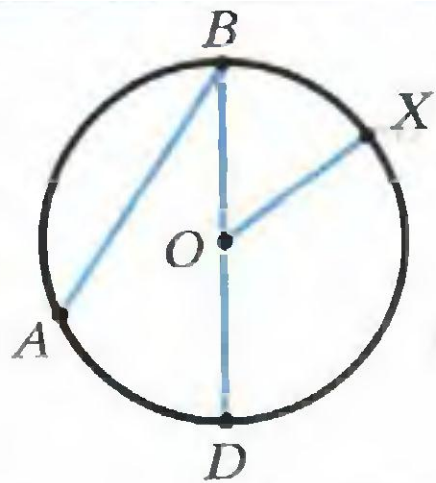
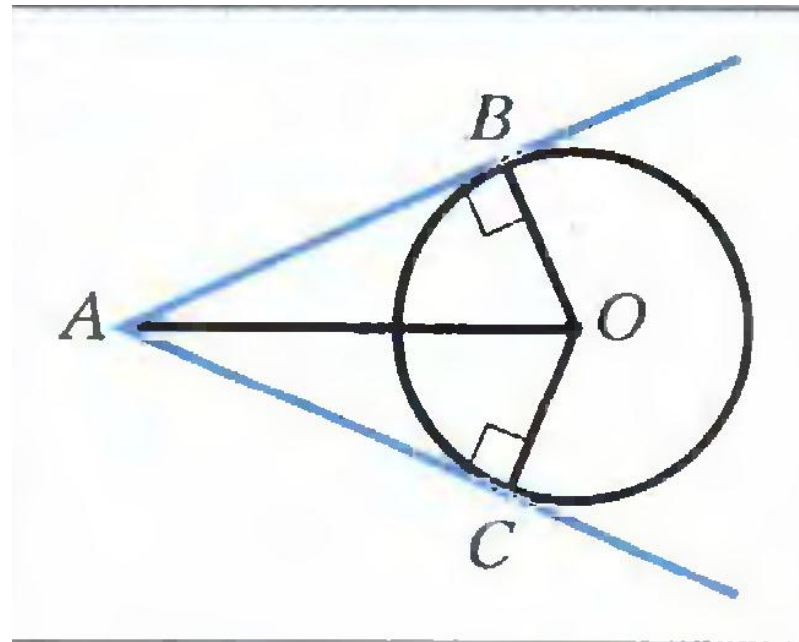
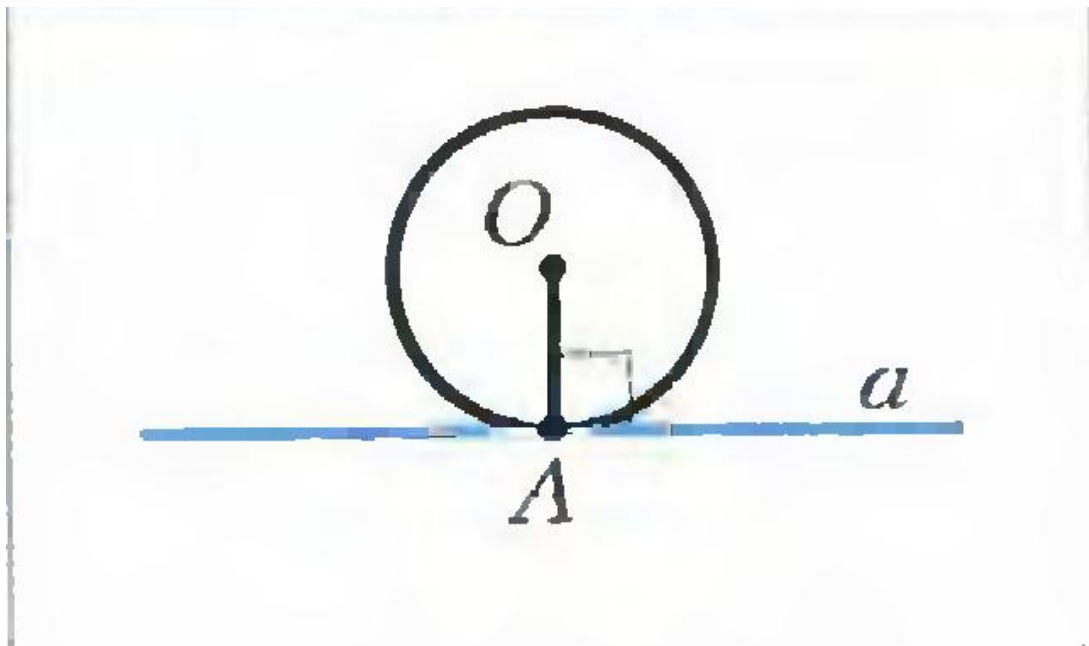
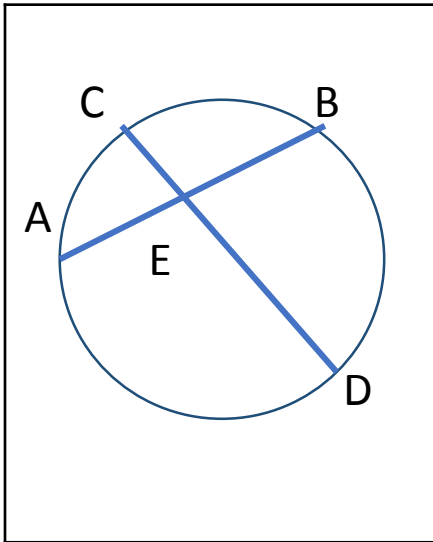
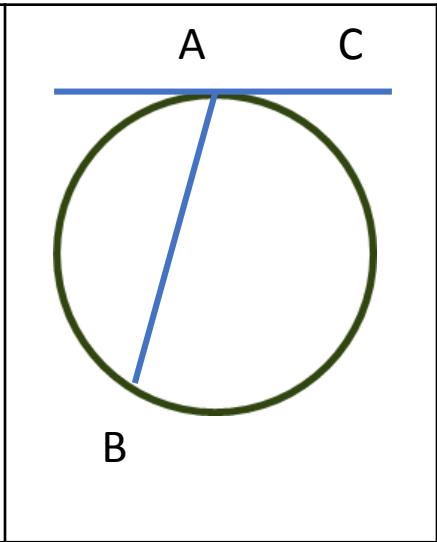
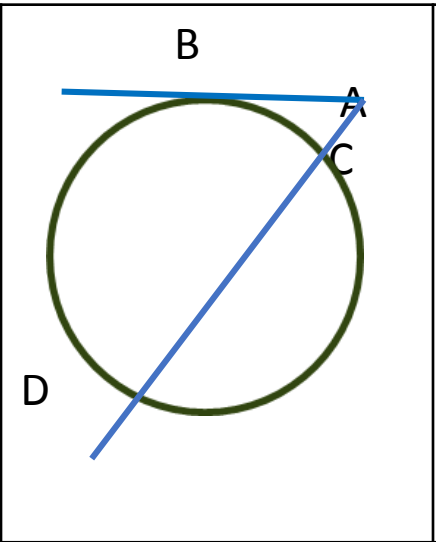
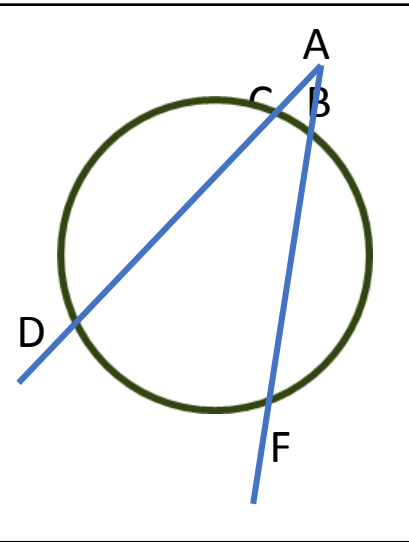


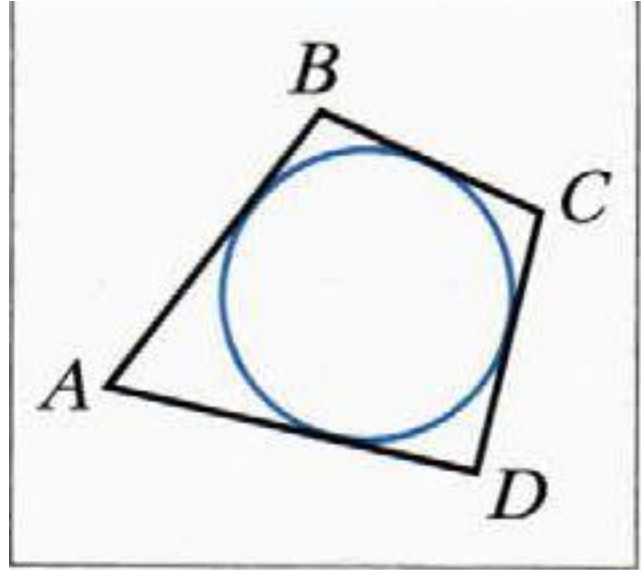
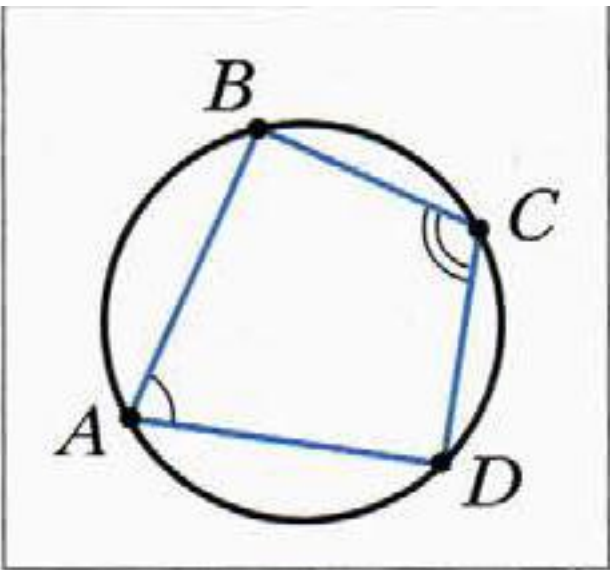
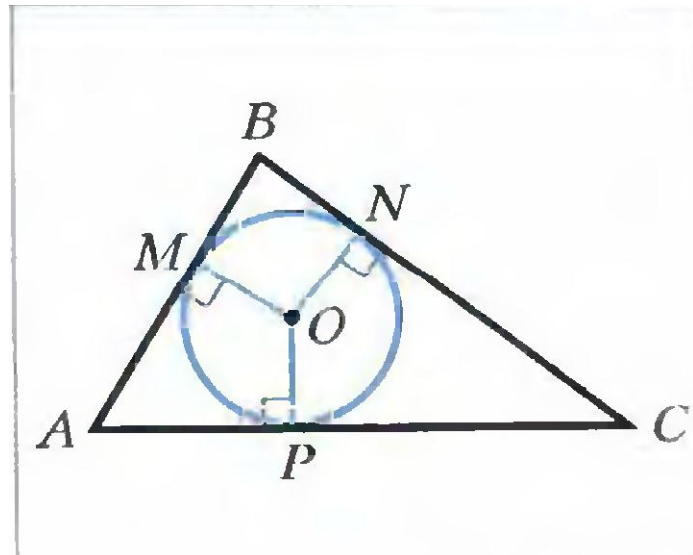
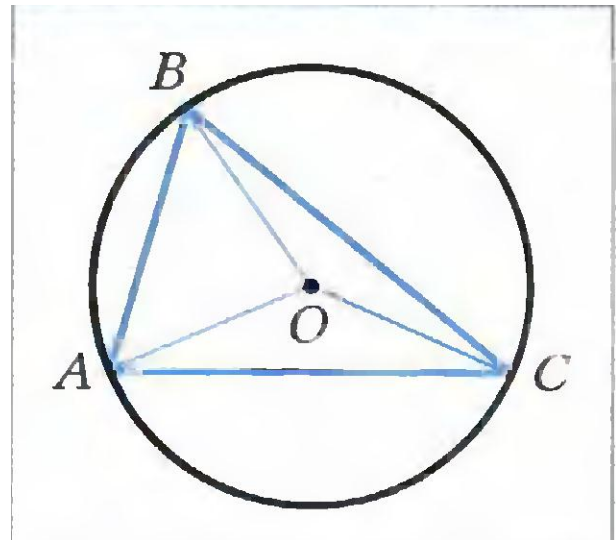
# Окружность и круг

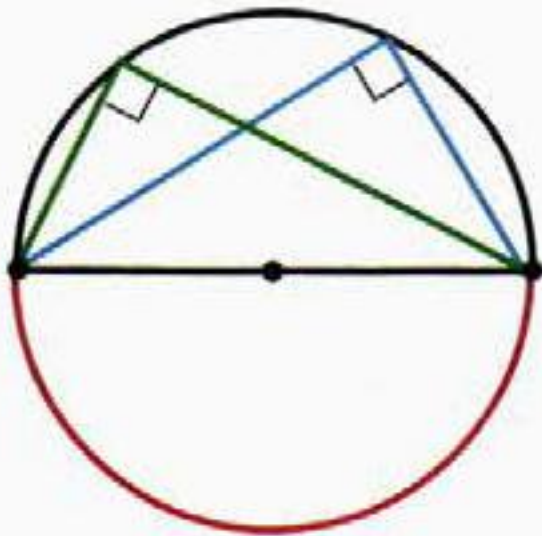
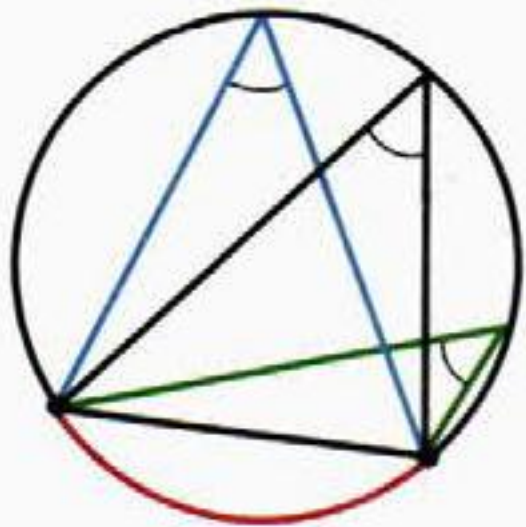
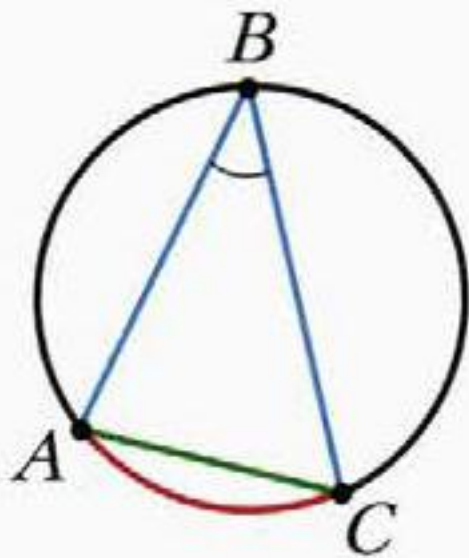
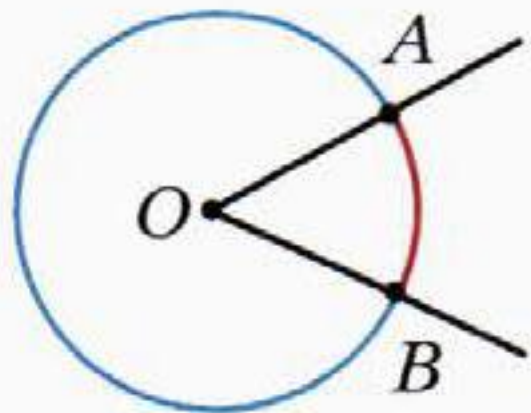


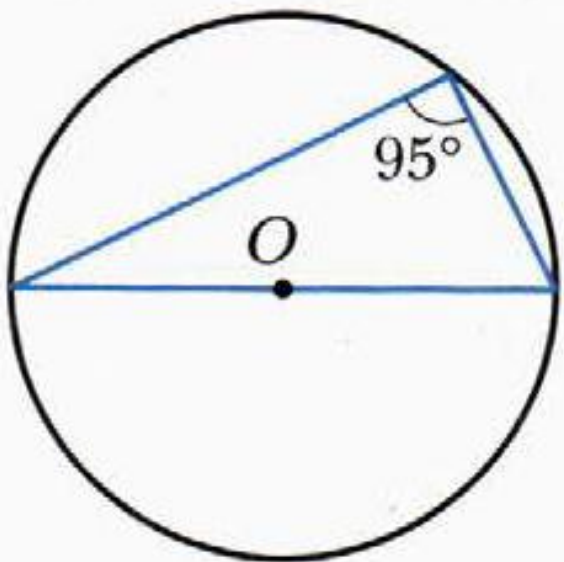


# Свойства хорд, секущих и касательных

			
<p>AB CD хорды</p> <p><math>AB \cap CD = E</math></p> <p><math>AE \cdot BE = CE \cdot DE</math></p>	<p>AC - касательная</p> <p>AB – хорда</p> <p>угол CAB равен половине дуги AB</p>	<p>AB – касательная</p> <p>AD – секущая</p> <p><math>AB^2 = AC \cdot AD</math></p>	<p>AD - секущая</p> <p>AF - секущая</p> <p><math>AC \cdot AD = AB \cdot AF</math></p> <p>Угол DAF равен полуразности дуг DF и CB</p>

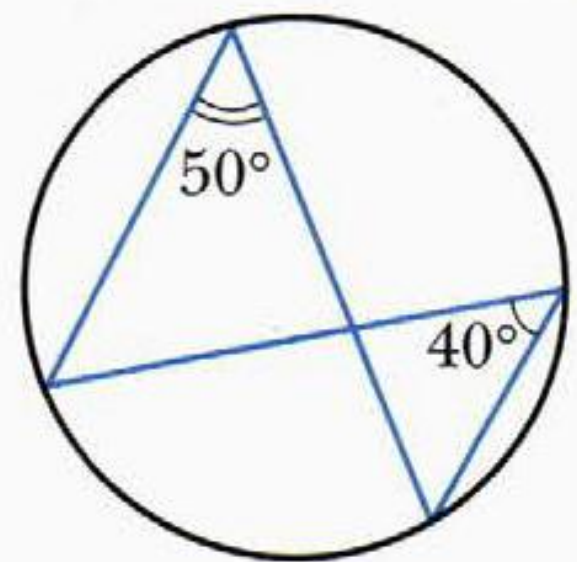




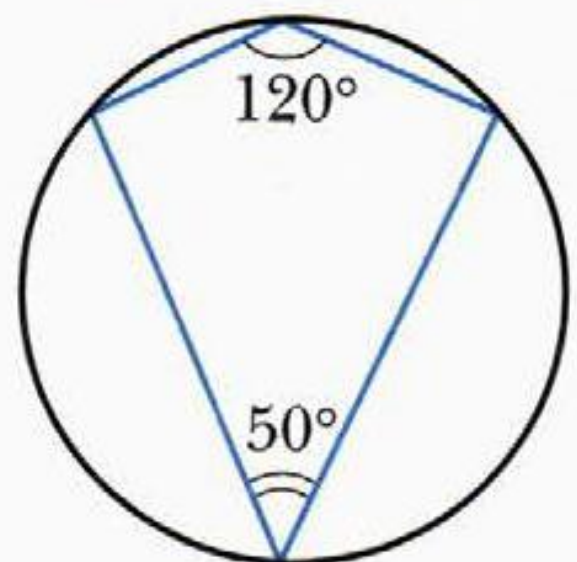


Точка  $O$  — центр  
окружности

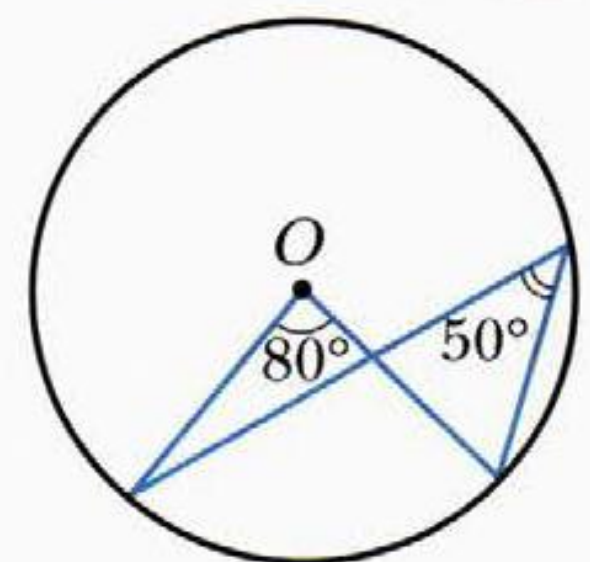
а



б



в



Точка  $O$  — центр  
окружности

г

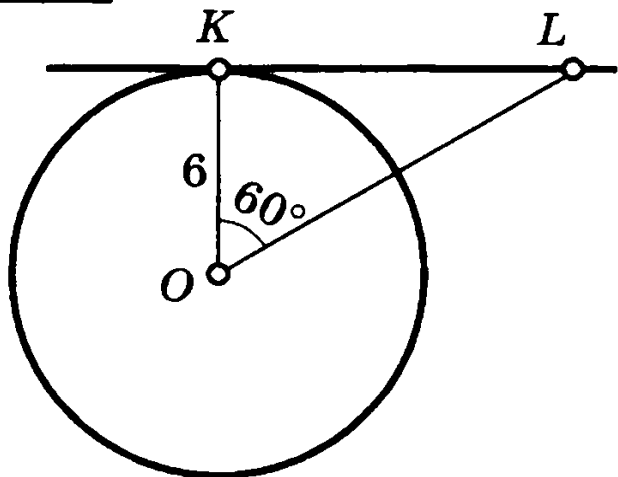
Найдите ошибки

# КАСАТЕЛЬНАЯ К ОКРУЖНОСТИ

Таблица 20

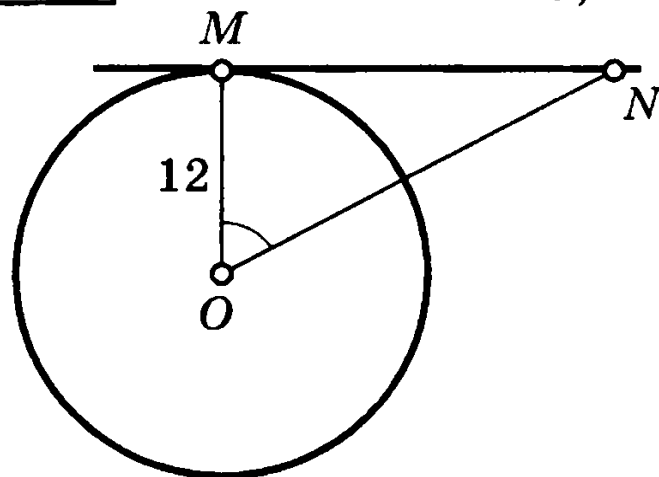
1

$KL - ?$



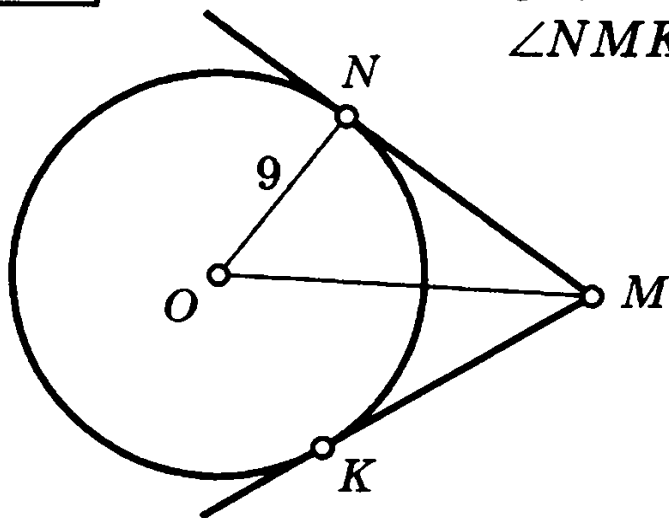
5

$ON = 15, MN - ?$



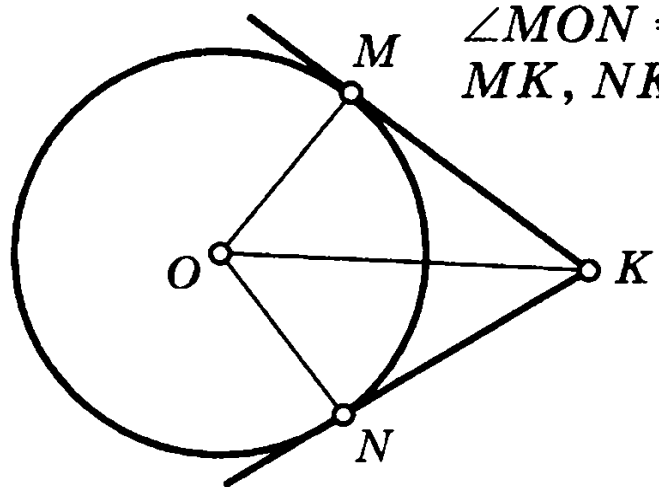
2

$OM = 18$   
 $\angle NMK - ?$



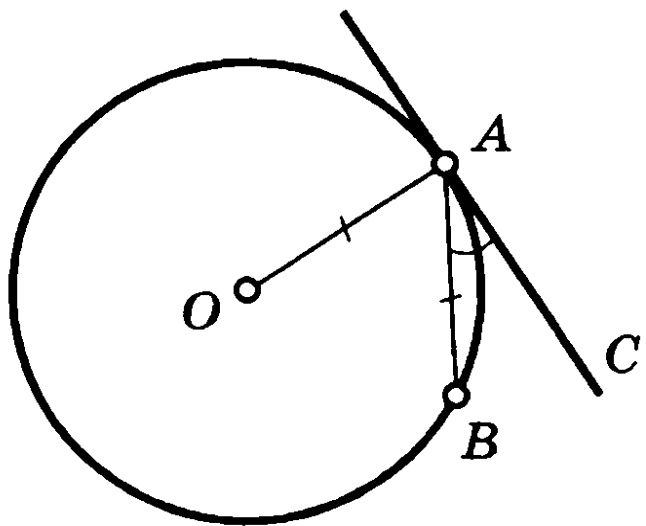
6

$OK = 6$   
 $\angle MON = 120^\circ$   
 $MK, NK - ?$

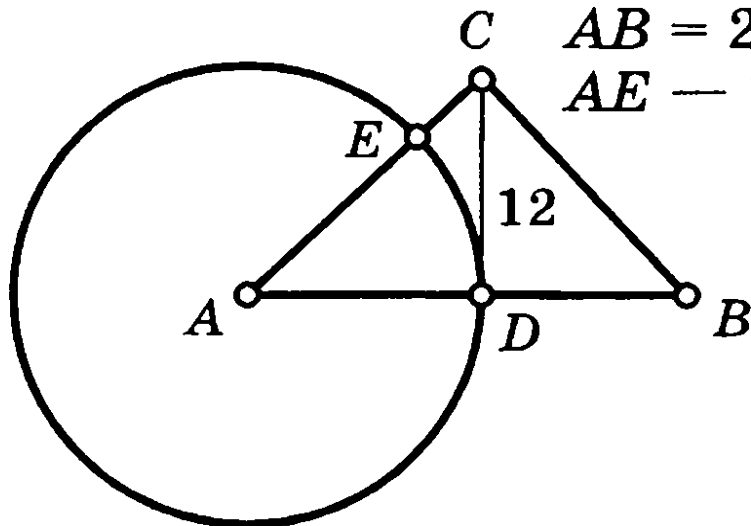




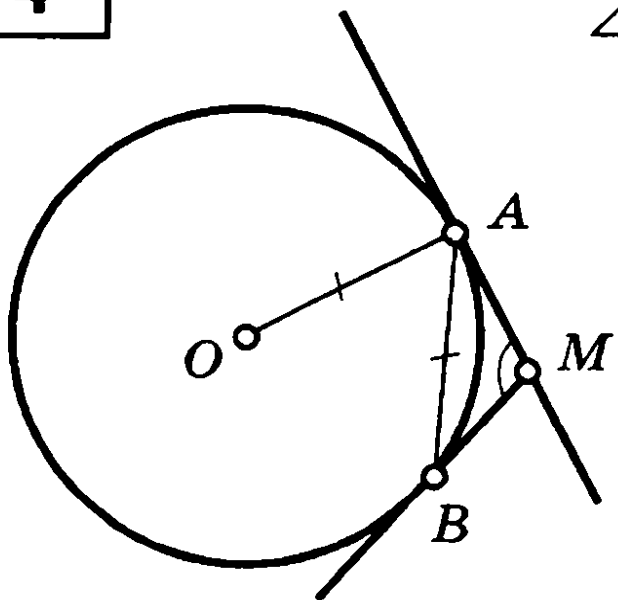
3

 $\angle BAC - ?$ 

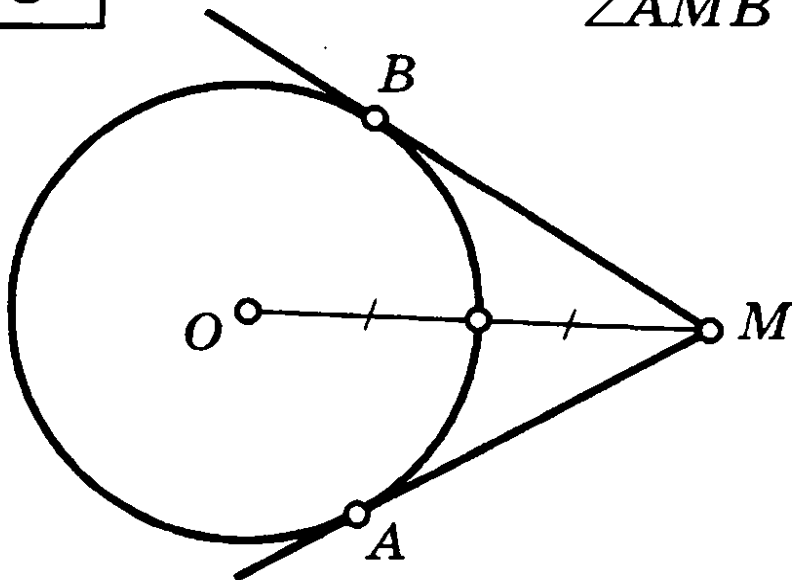
7

 $\angle ACB = 90^\circ$  $AB = 25$  $AE - ?$ 

4

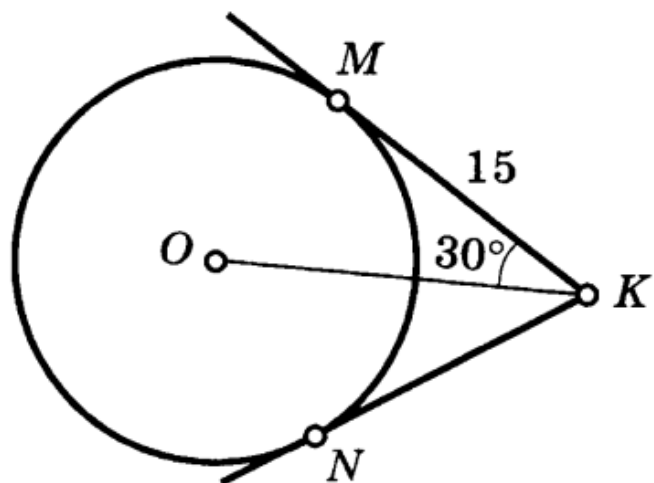
 $\angle AMB - ?$ 

8

 $\angle AMB - ?$ 

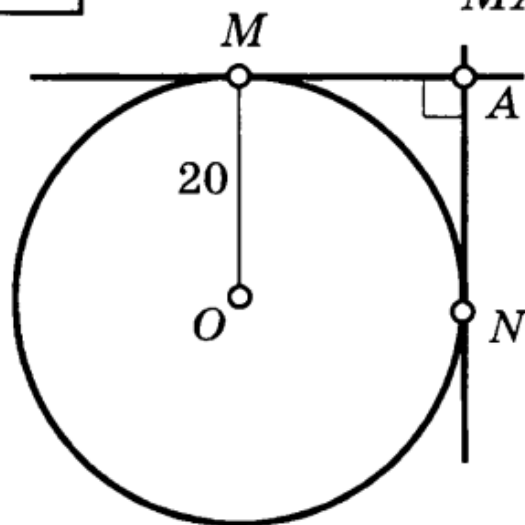
9

$MN$  — ?



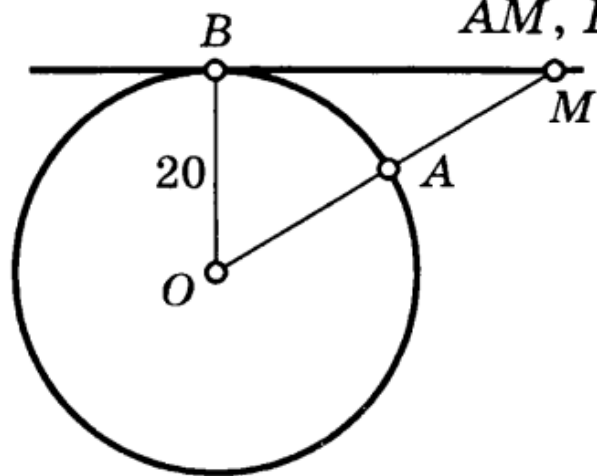
13

$MA, NA$  — ?



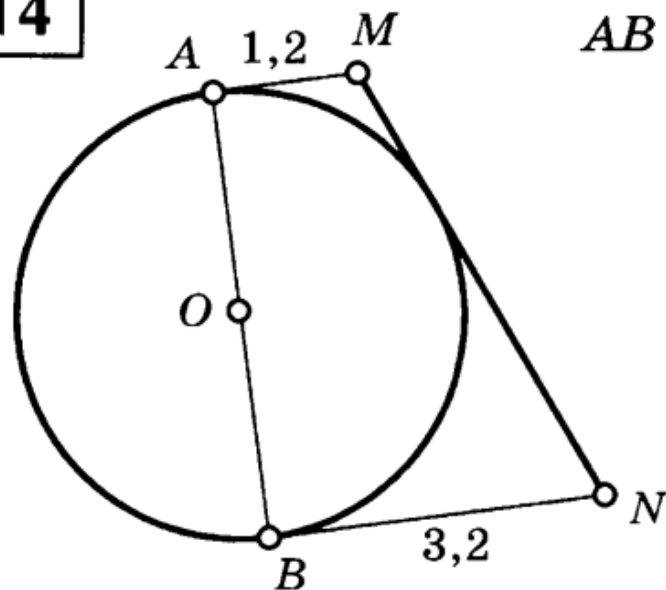
10

$OM = 30$   
 $AM, BM$  — ?



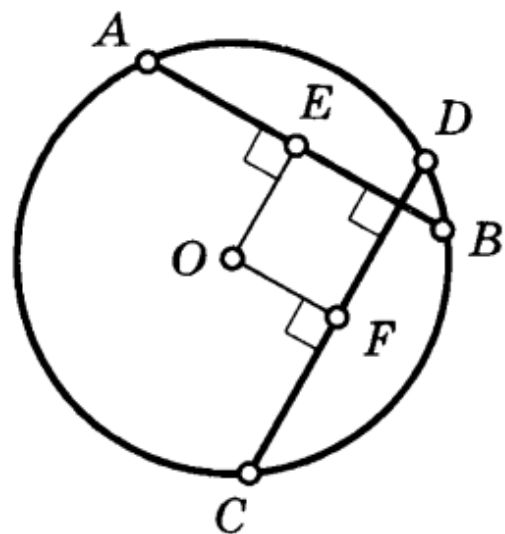
14

$AB$  — ?

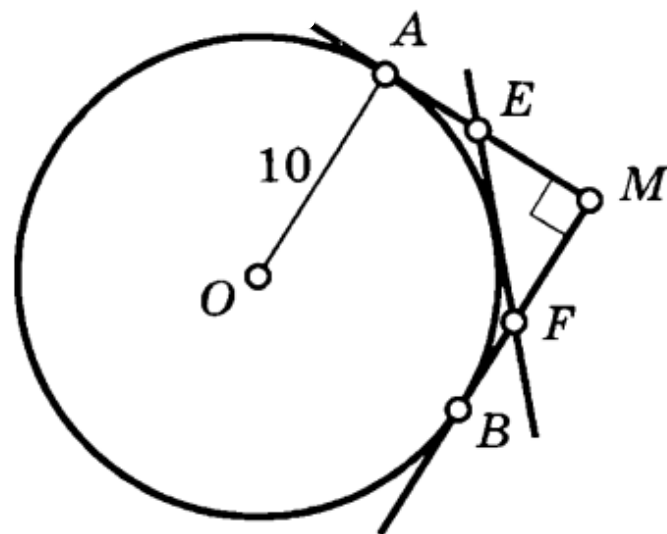


11

$AO = 10$   
 $OE = 8$   
 $OF = 6$   
 $AB, CD - ?$

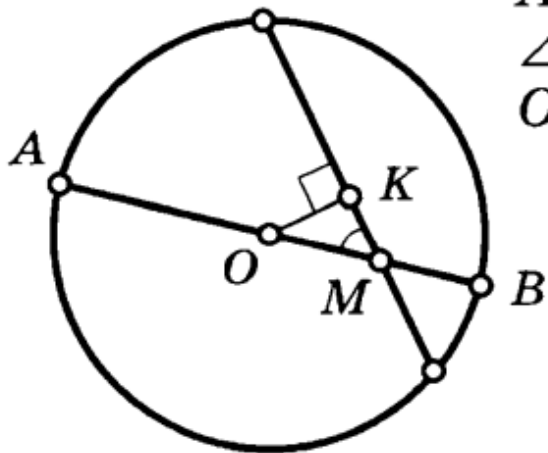


15

 $P_{\triangle MEF} - ?$ 


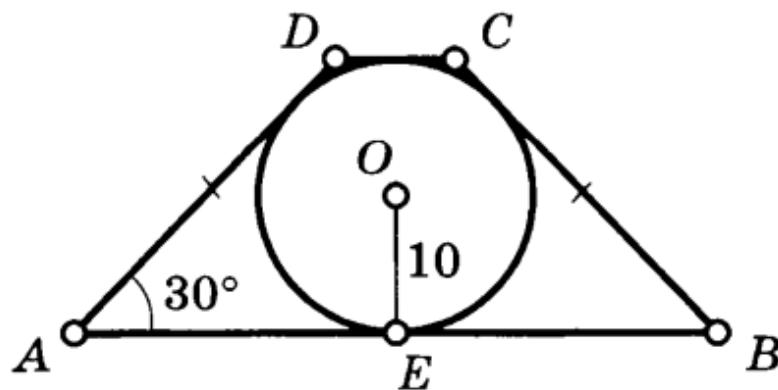
12

$MB = 4$   
 $AM = 12$   
 $\angle OMK = 30^\circ$   
 $OK - ?$

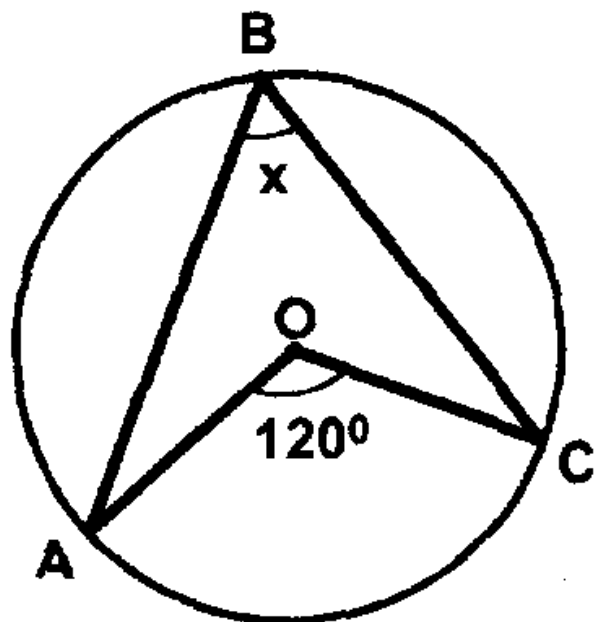


16

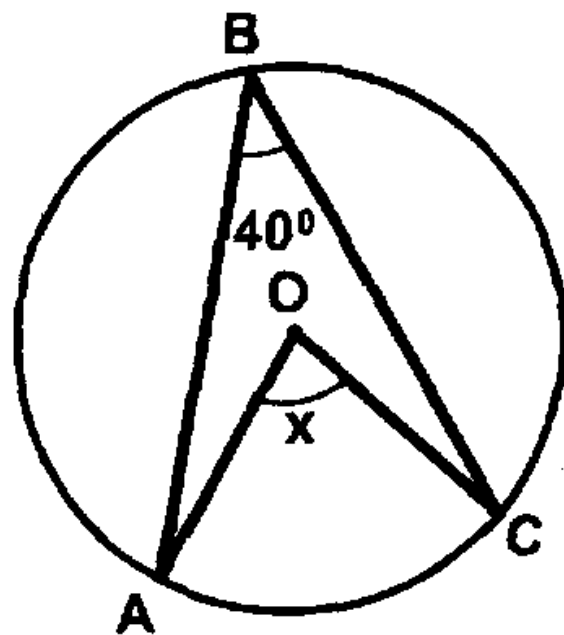
$ABCD$  — трапеция  
 $AD, BC - ?$



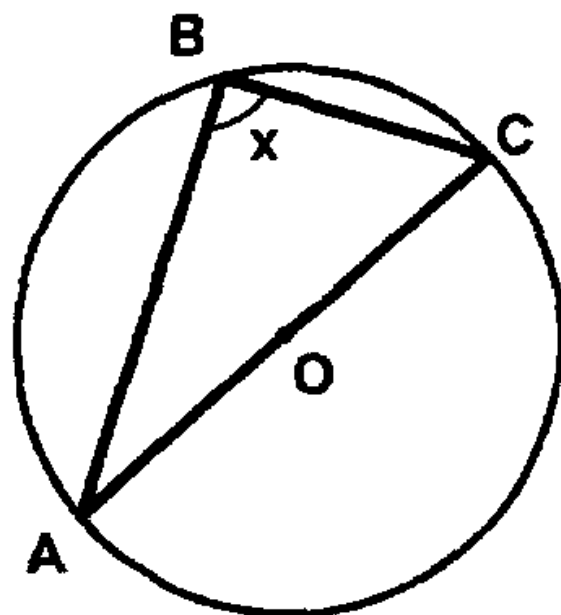
1



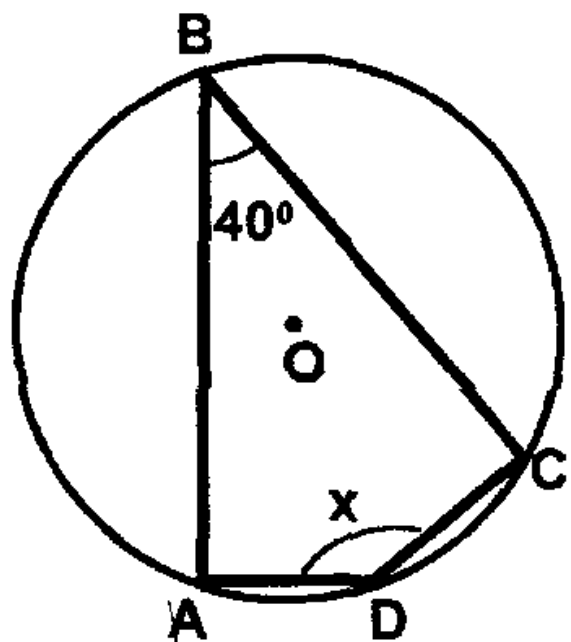
2



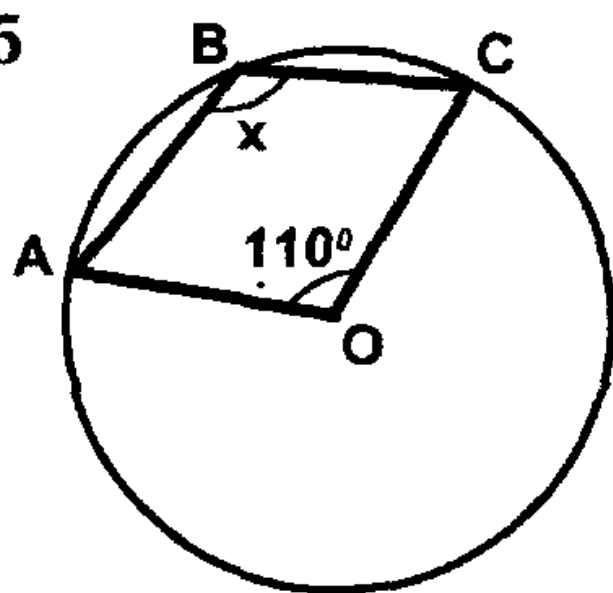
3



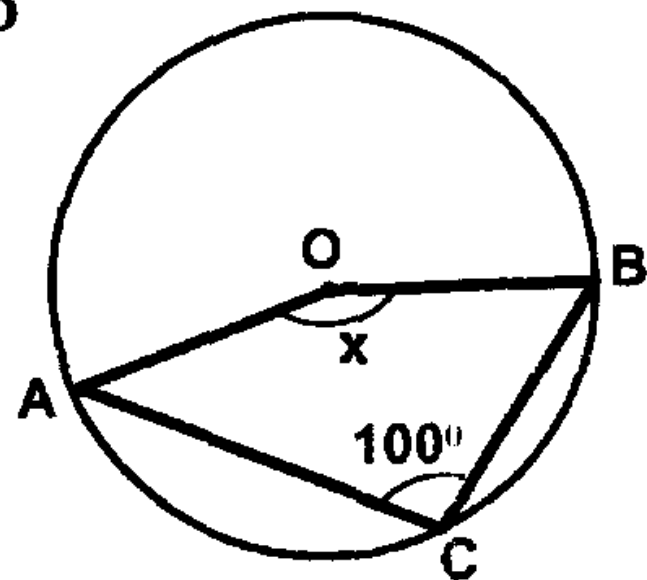
4



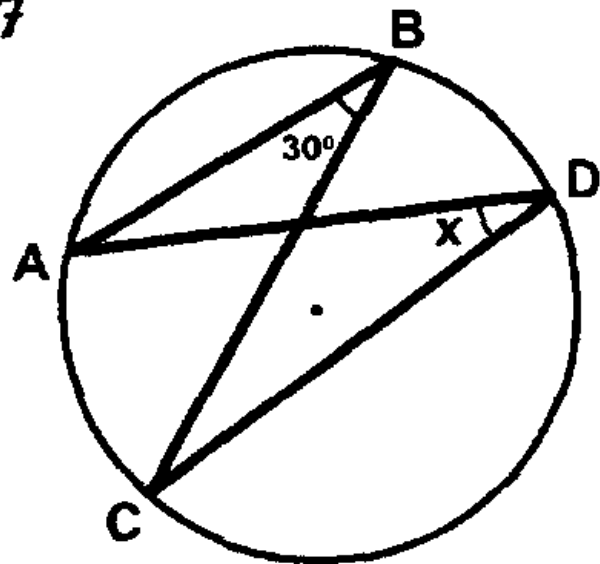
5



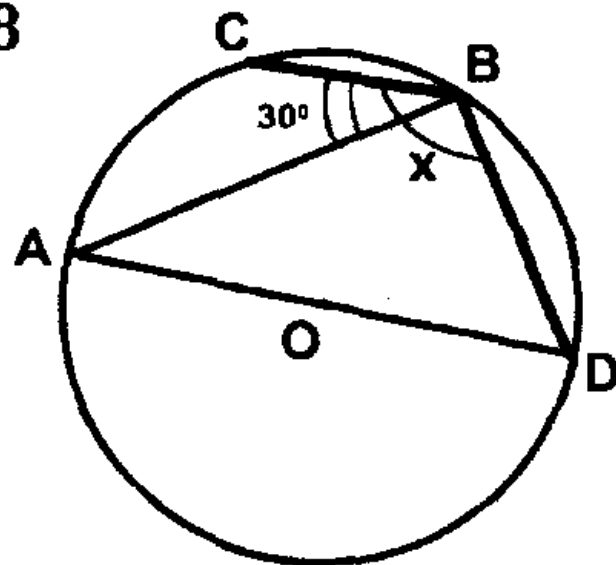
6



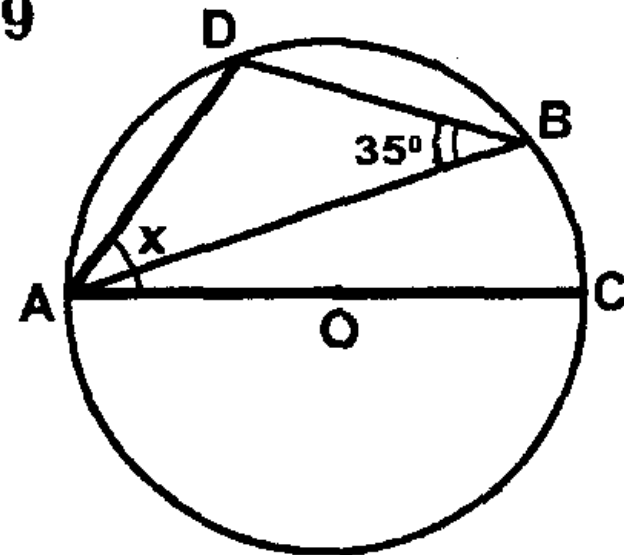
7



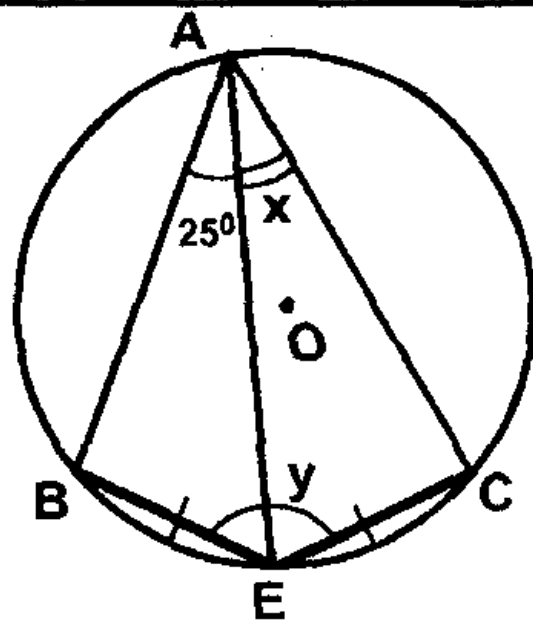
8



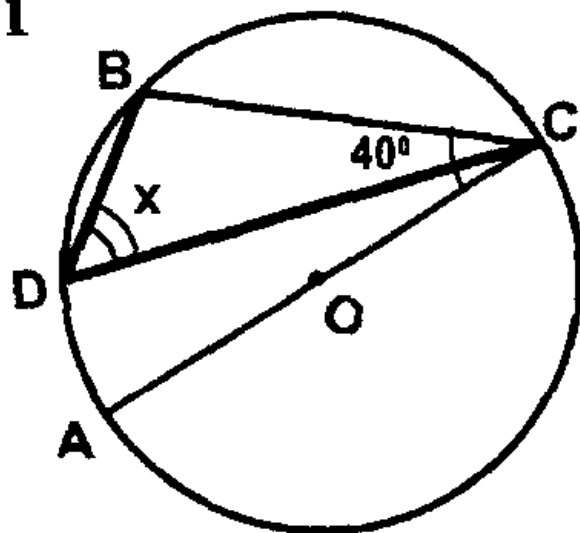
9



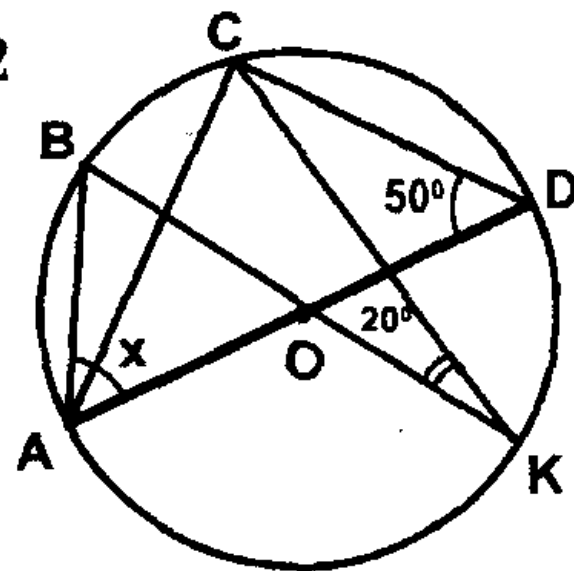
10

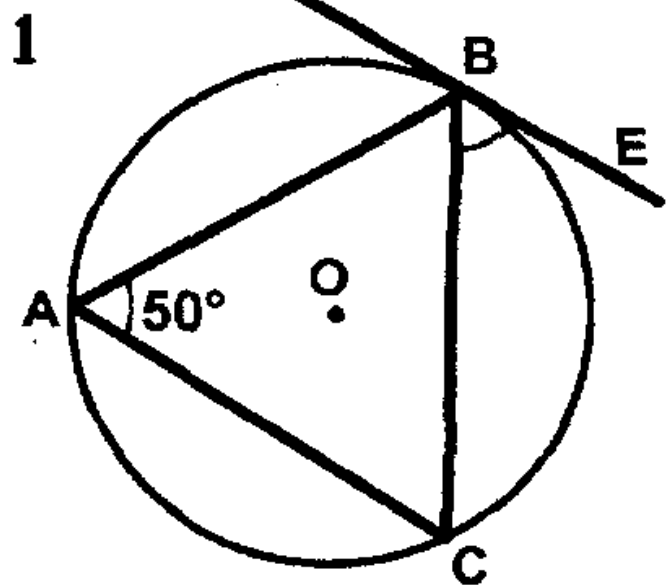


11

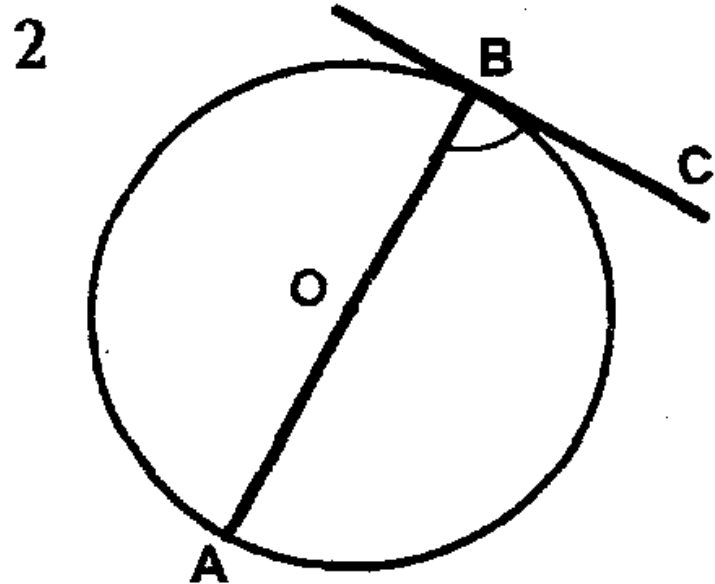


12

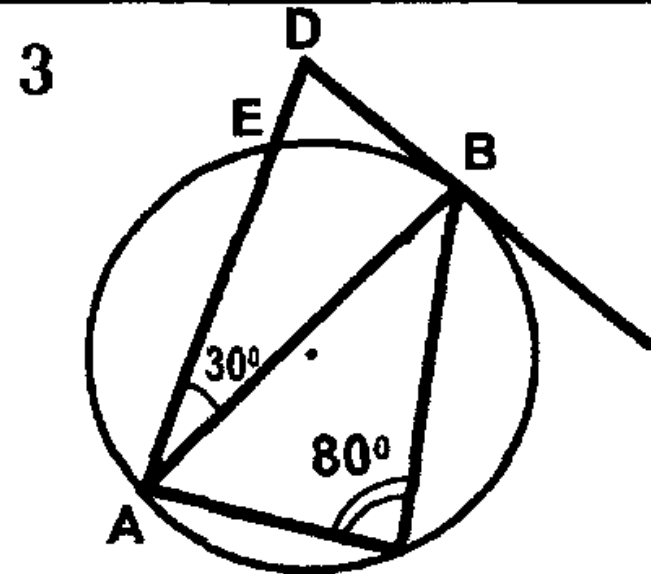




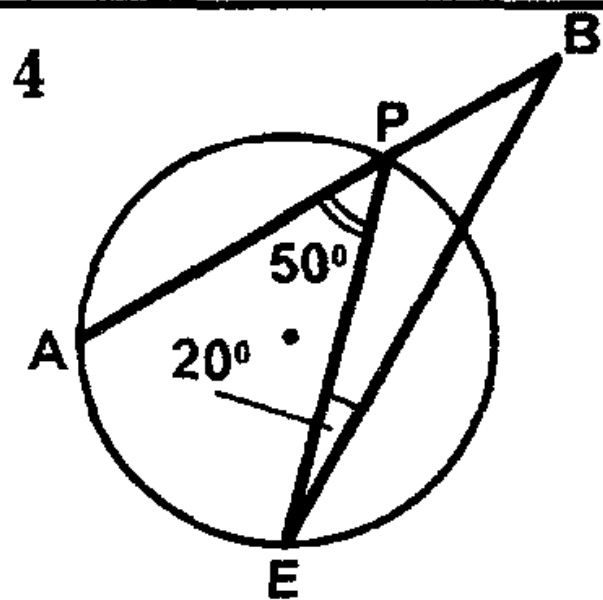
Найти:  $\angle CBE$



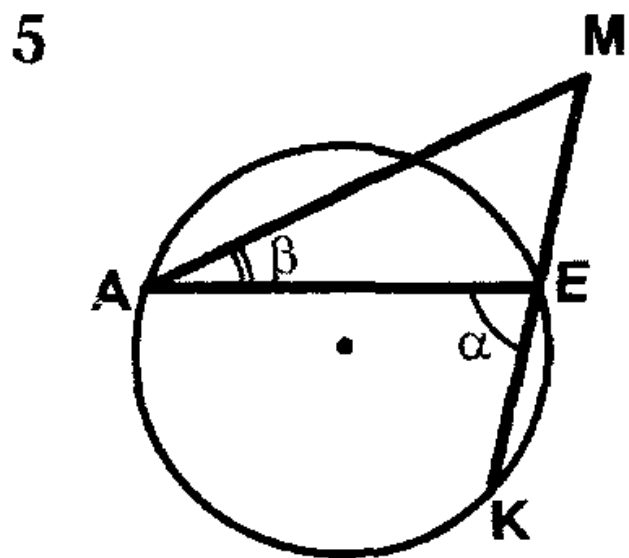
Найти:  $\angle ABC$



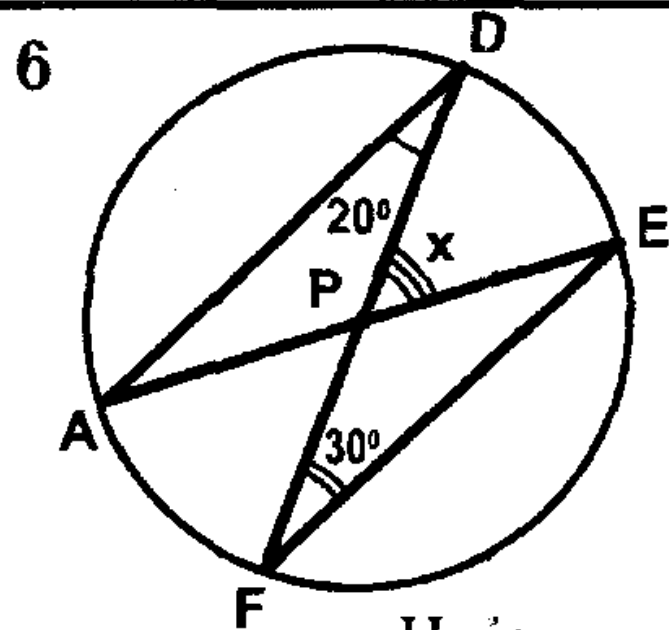
Найти:  $\angle ADB$



Найти:  $\angle ABE$



Найти:  $\angle AMK$



Найти:  $x$