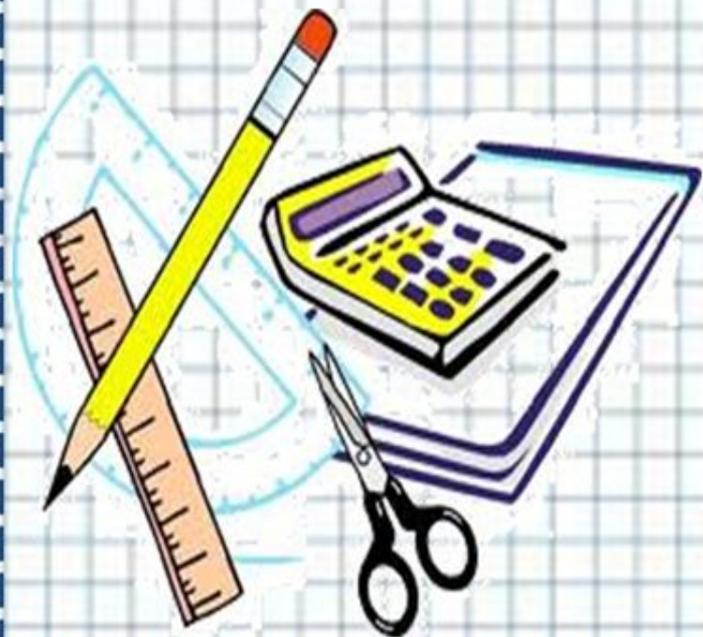


ЦЕНТРАЛЬНЫЕ И ВПИСАННЫЕ УГЛЫ



21.04.16

1. Продолжите предложения.

а) Центральный угол — это _____.

б) Угол между касательной и хордой равен _____.

1. Продолжите предложения.

а) Вписанный угол — это _____

б) Вписанный угол равен _____

3. Используя чертежи (см. рис. 79), запишите указанные величины дуг и углов (O — центр окружности).

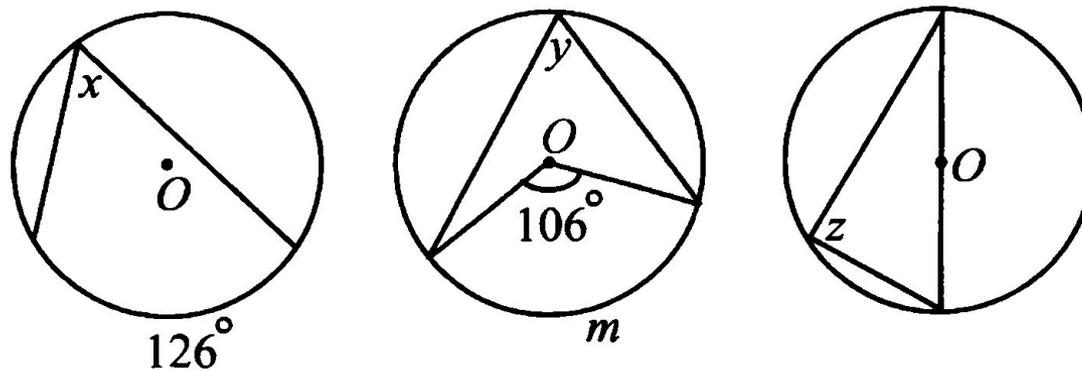


Рис. 79.

$$x = \underline{\hspace{2cm}},$$

$$y = \underline{\hspace{2cm}},$$

$$m = \underline{\hspace{2cm}},$$

$$z = \underline{\hspace{2cm}}.$$

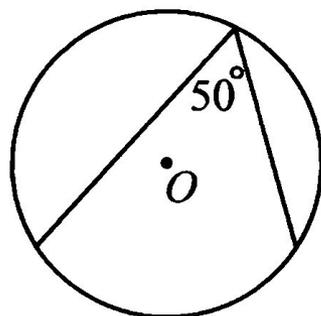
3. Используя чертежи (см. рис. 81), запиши указанные величины (O — центр окружности).

$$x = \underline{\hspace{2cm}},$$

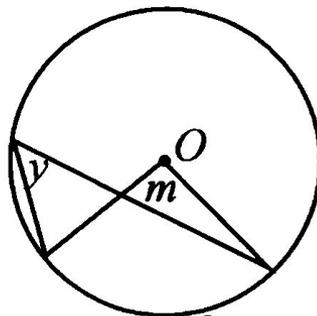
$$y = \underline{\hspace{2cm}},$$

$$m = \underline{\hspace{2cm}},$$

$$z = \underline{\hspace{2cm}}.$$



x



106°

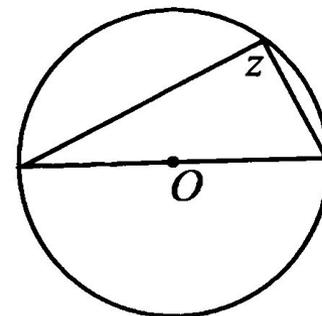
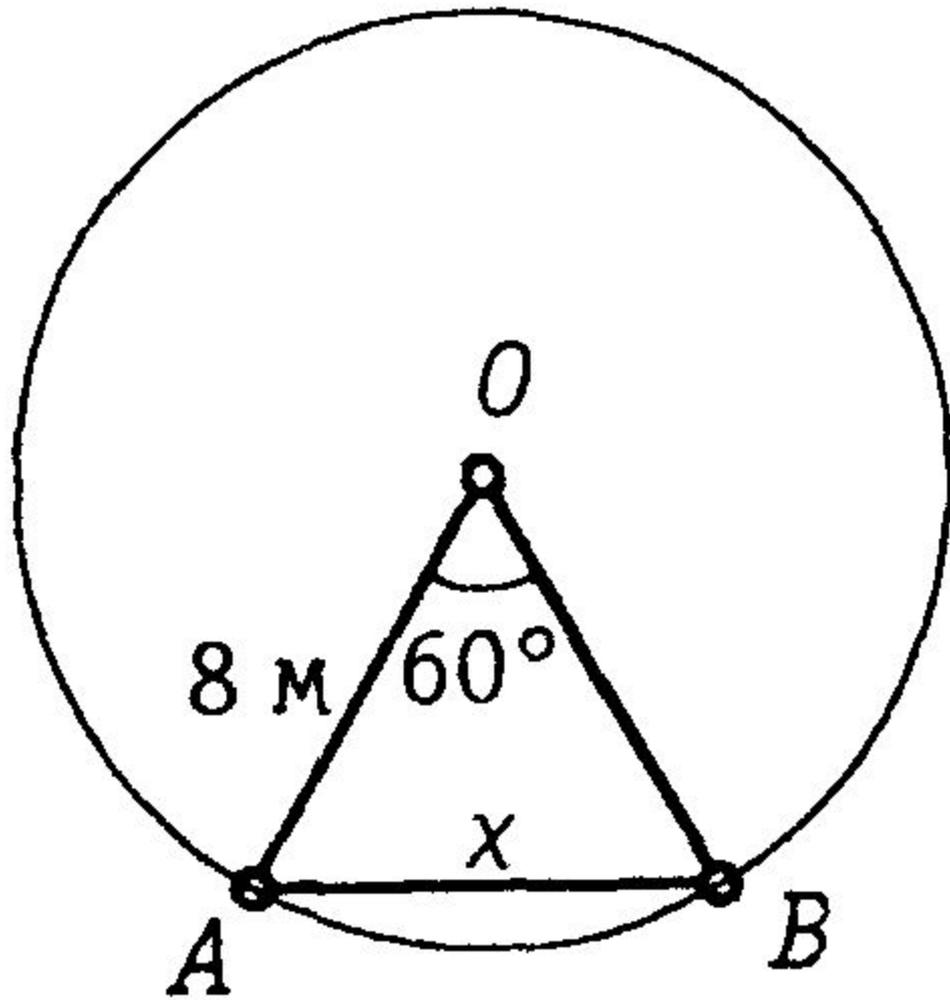
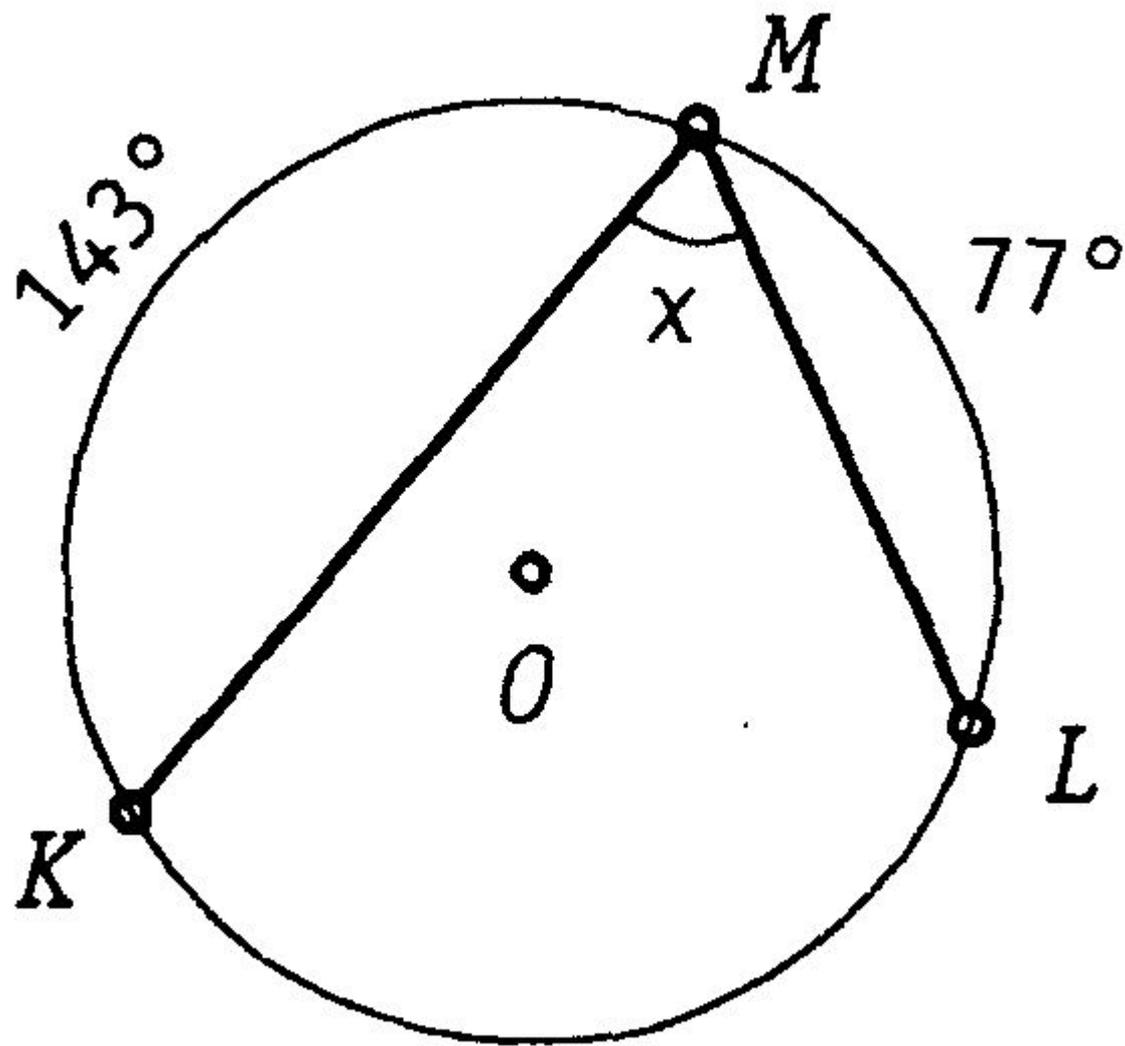


Рис. 81.

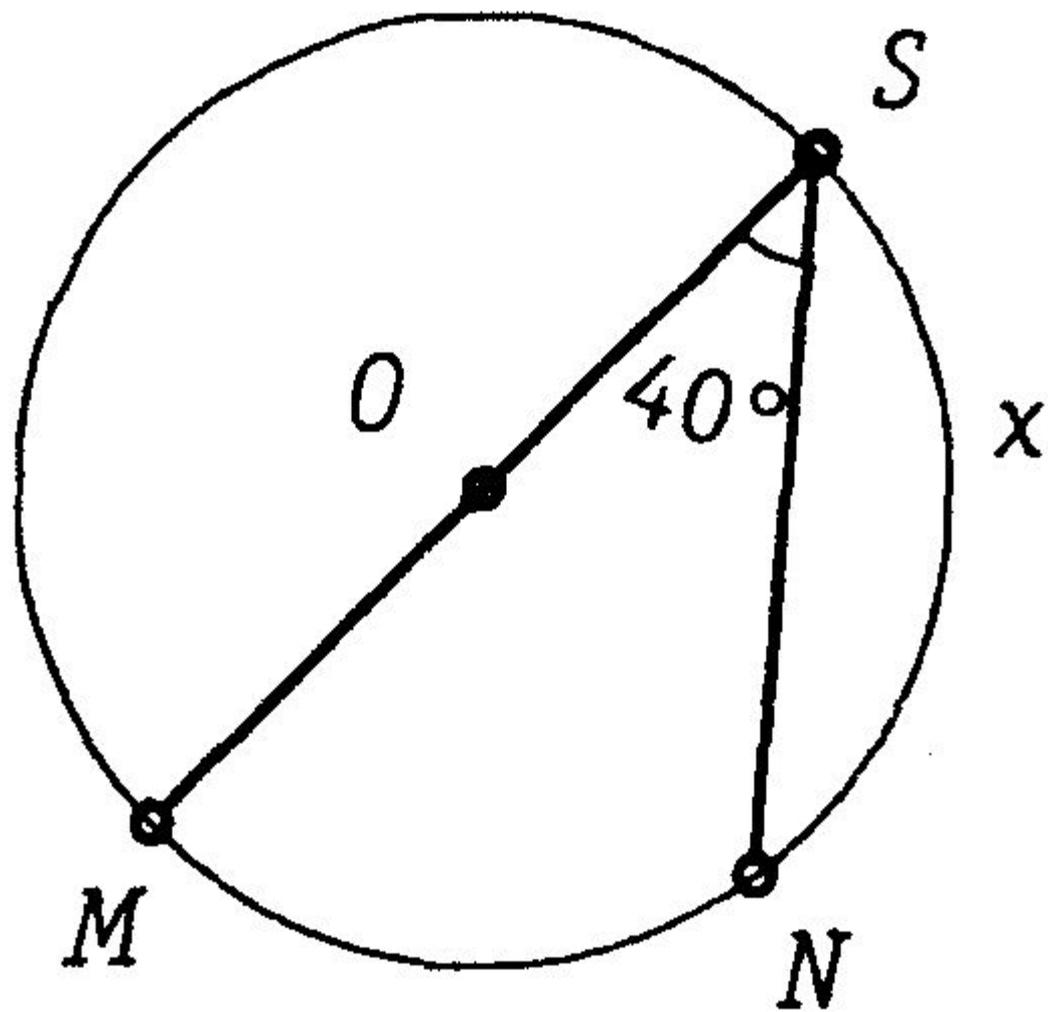
2



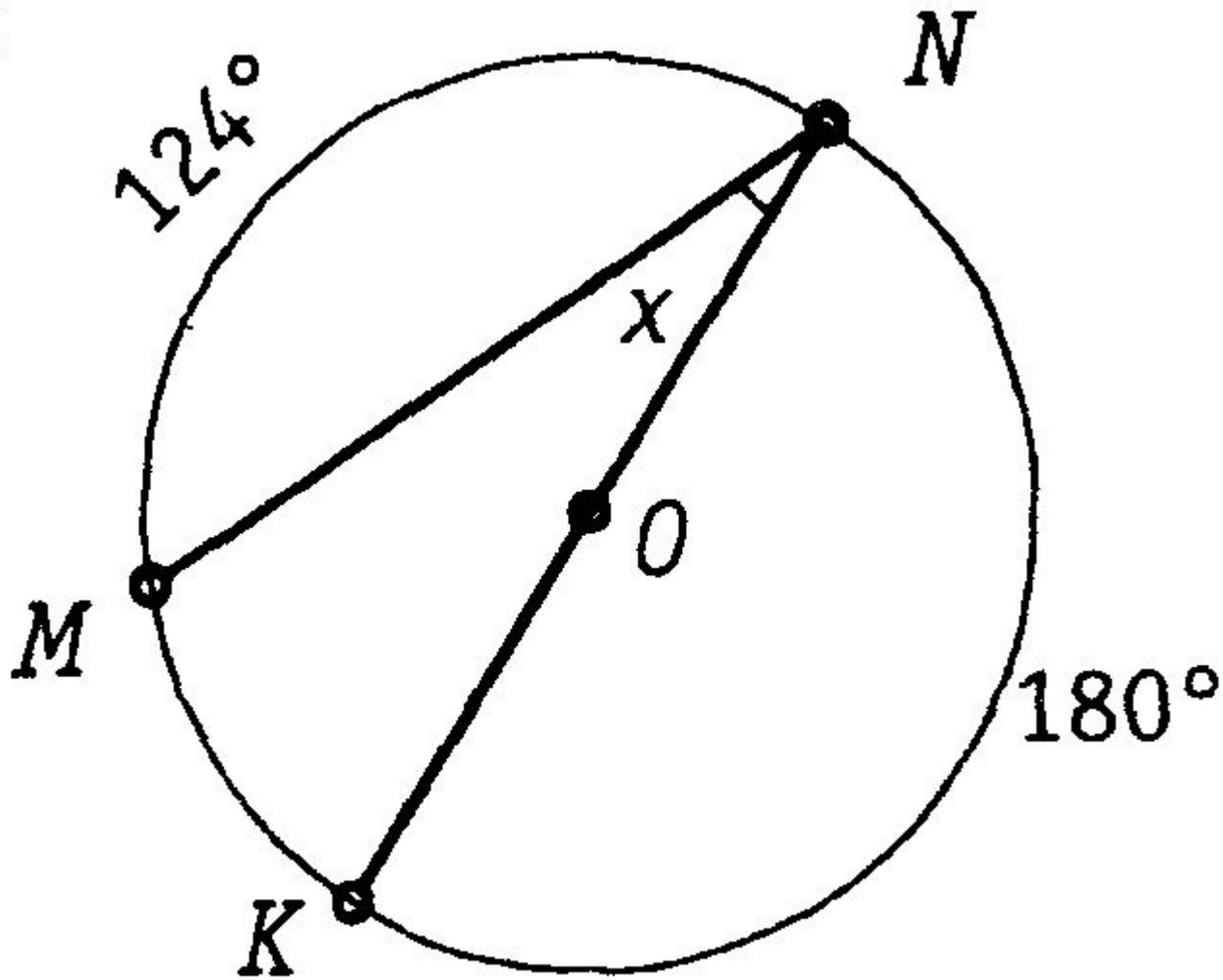
4



5



6



7

x

N

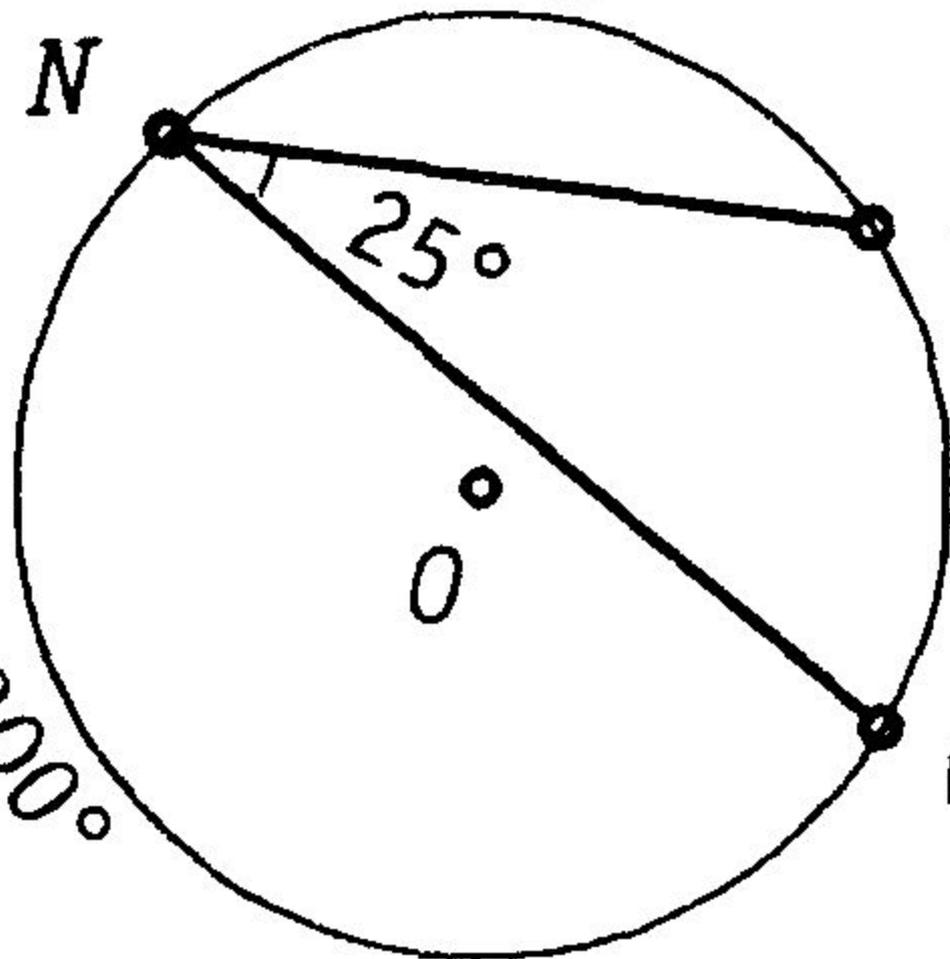
M

25°

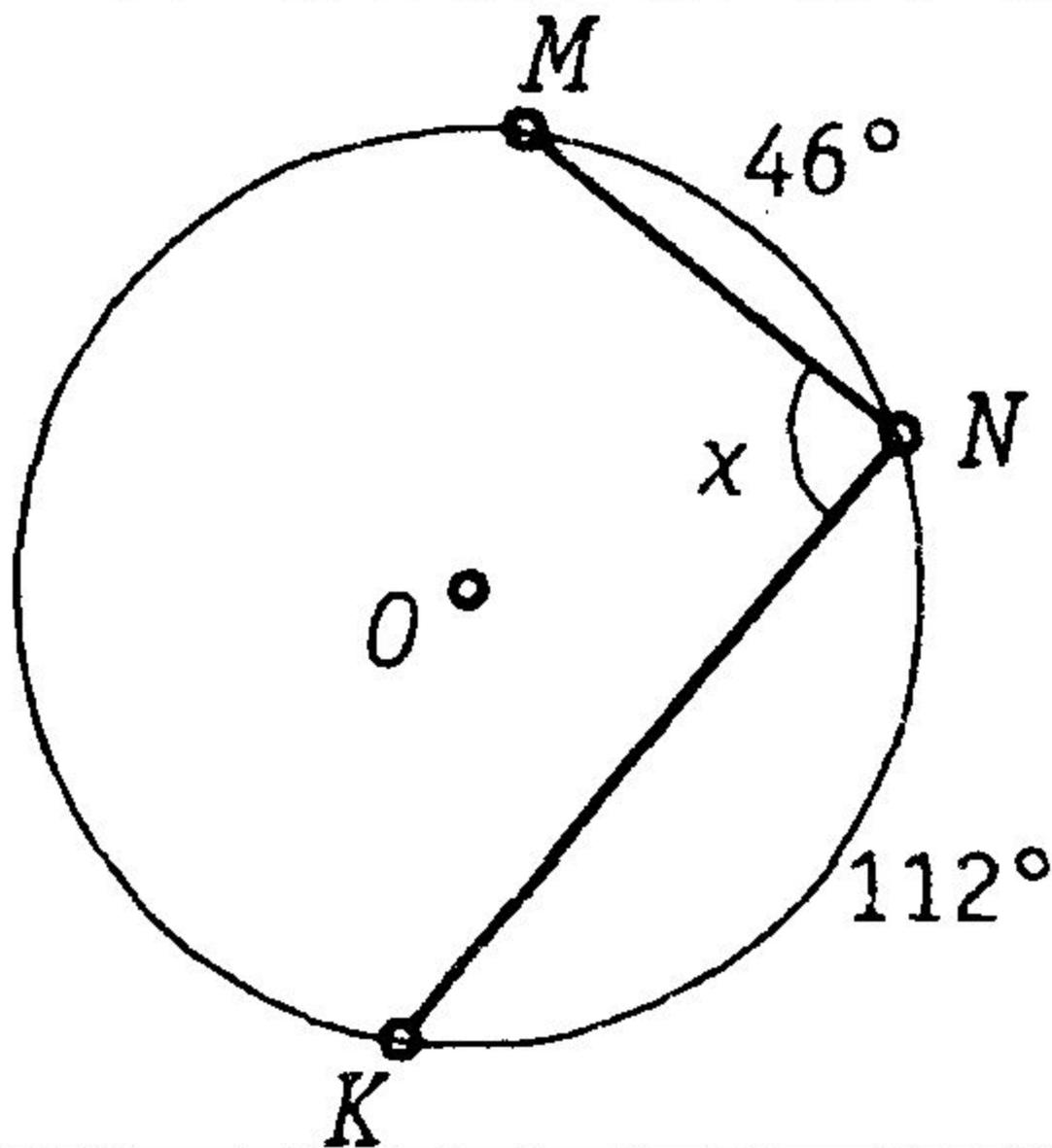
O

200°

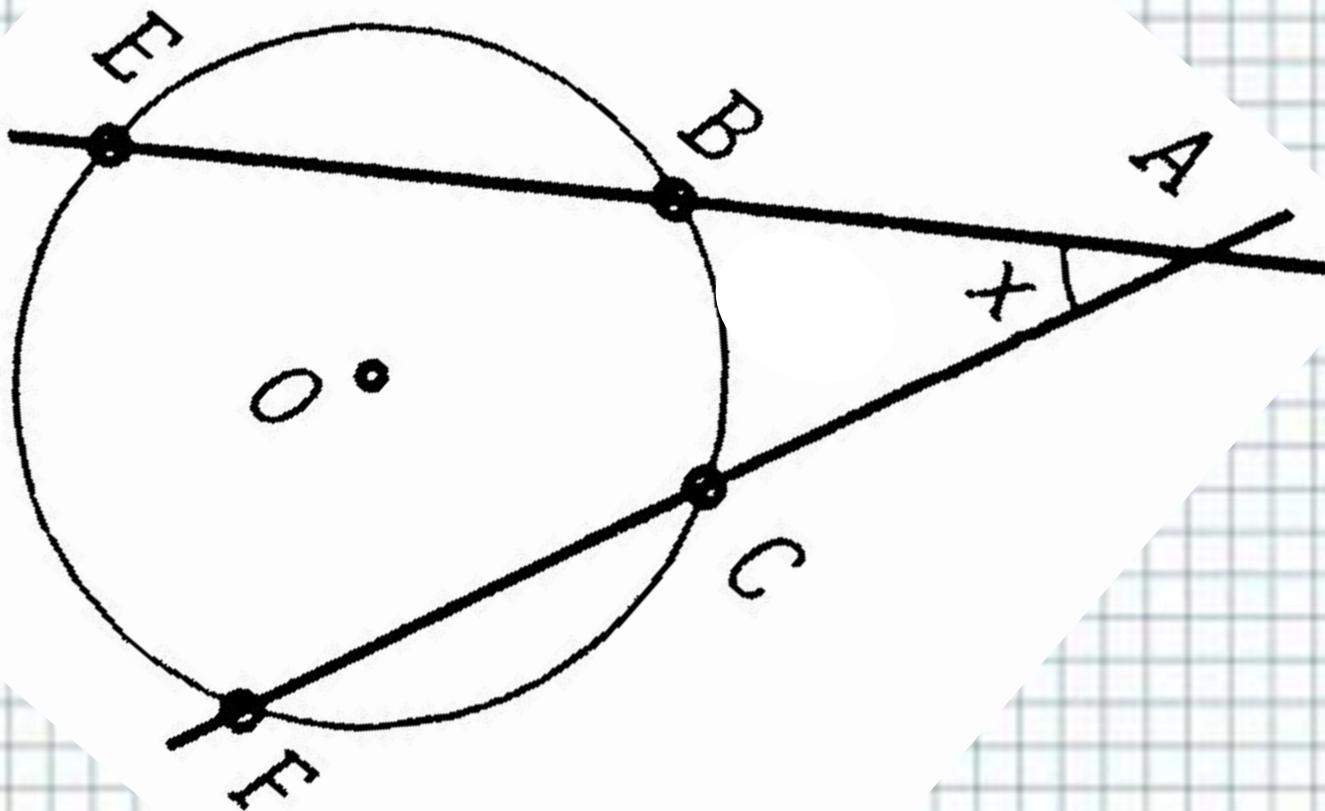
Q



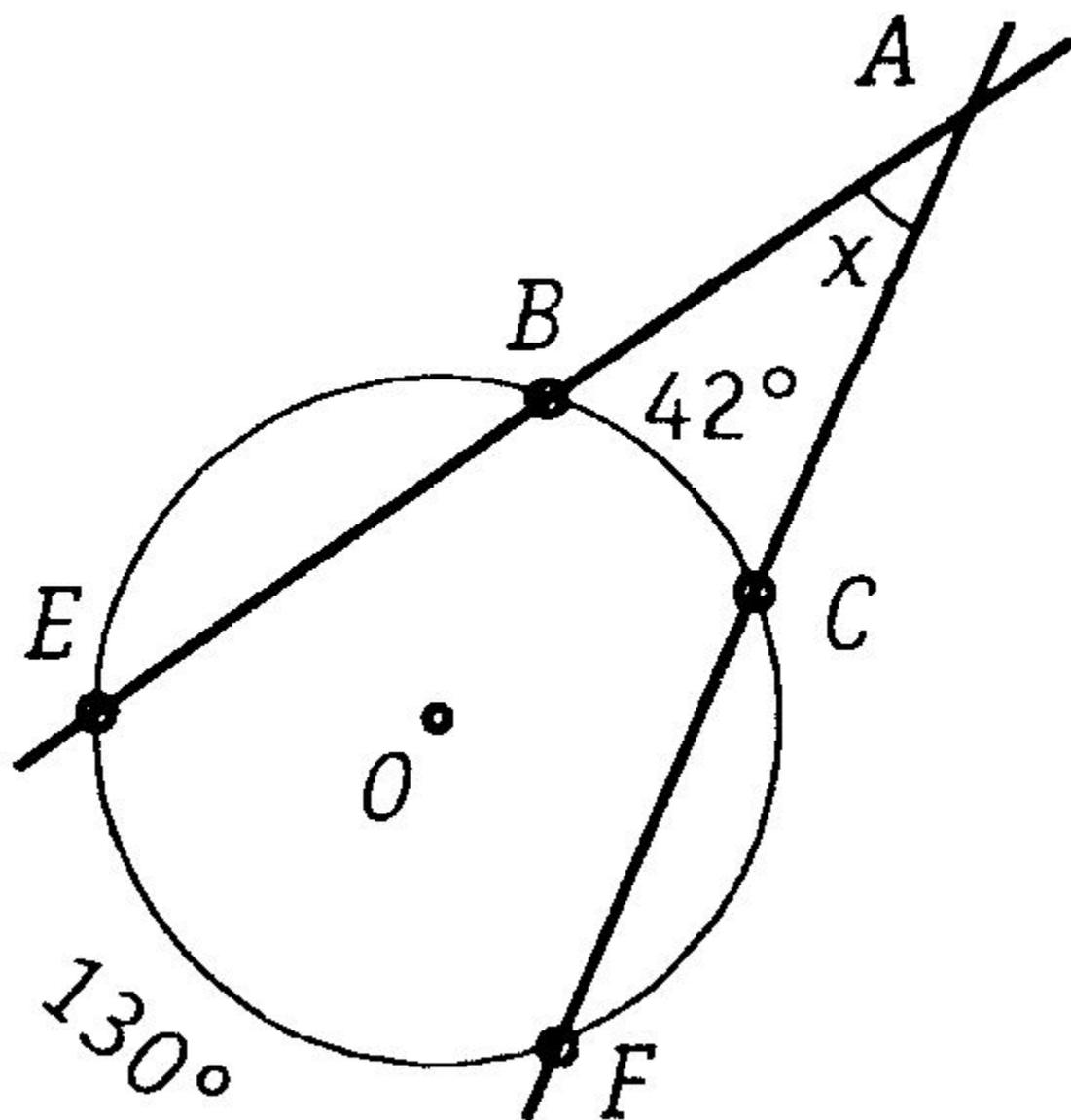
8



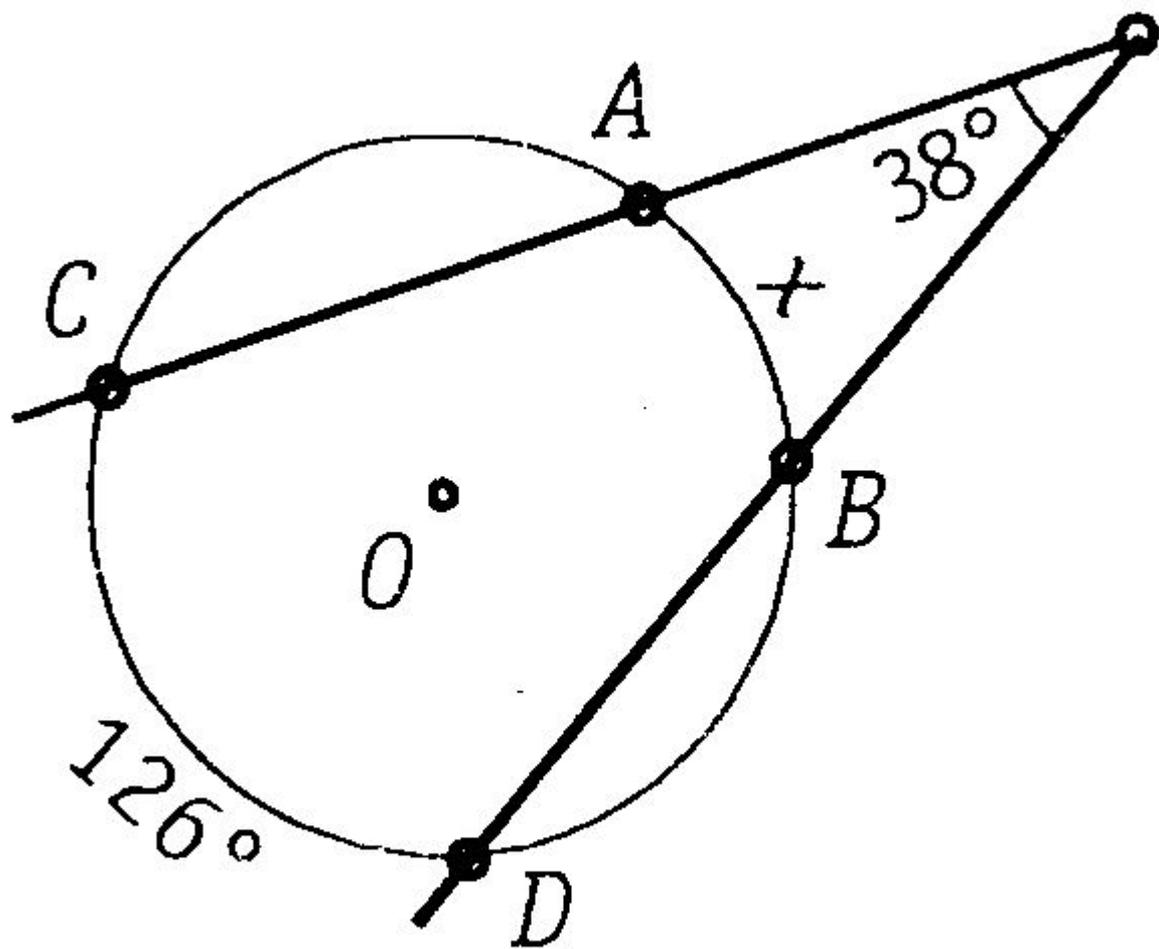
$$\angle EAF = \frac{\cup EF - \cup BC}{2}$$



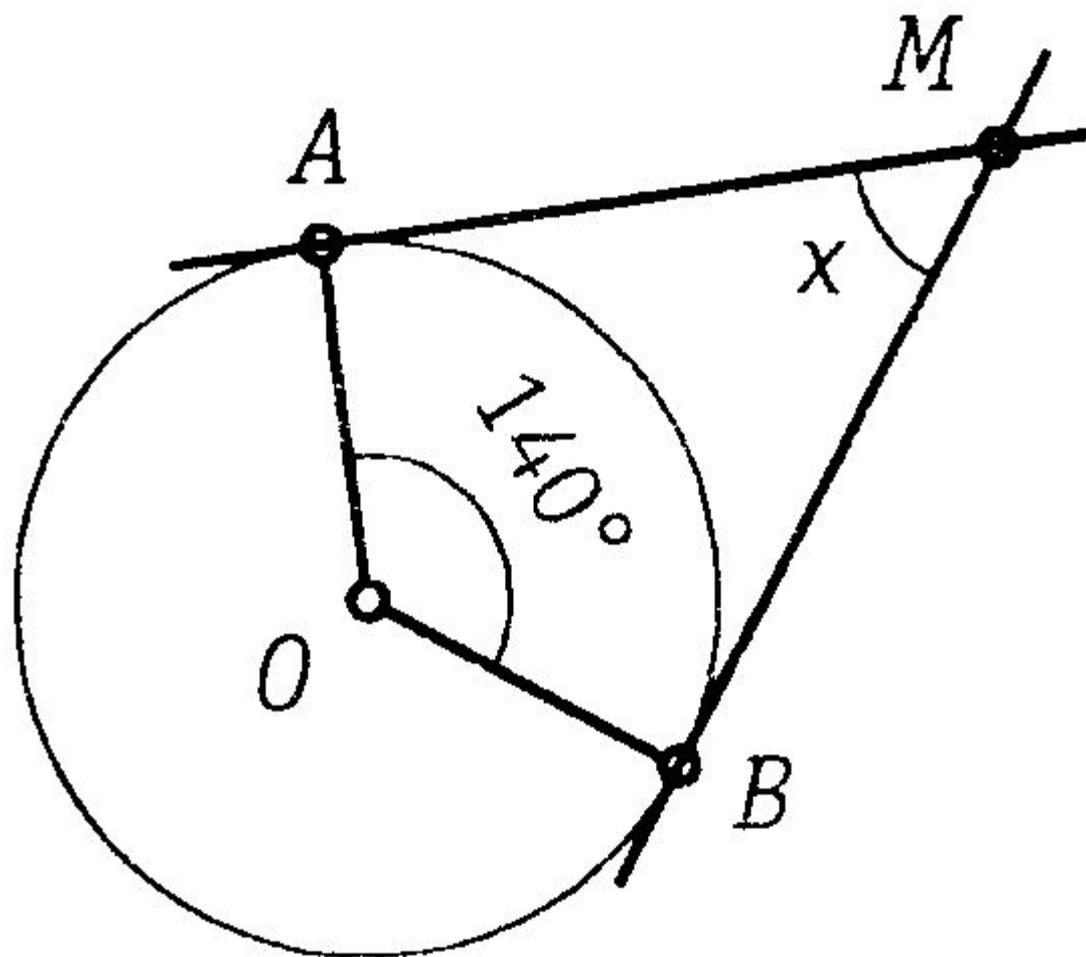
9



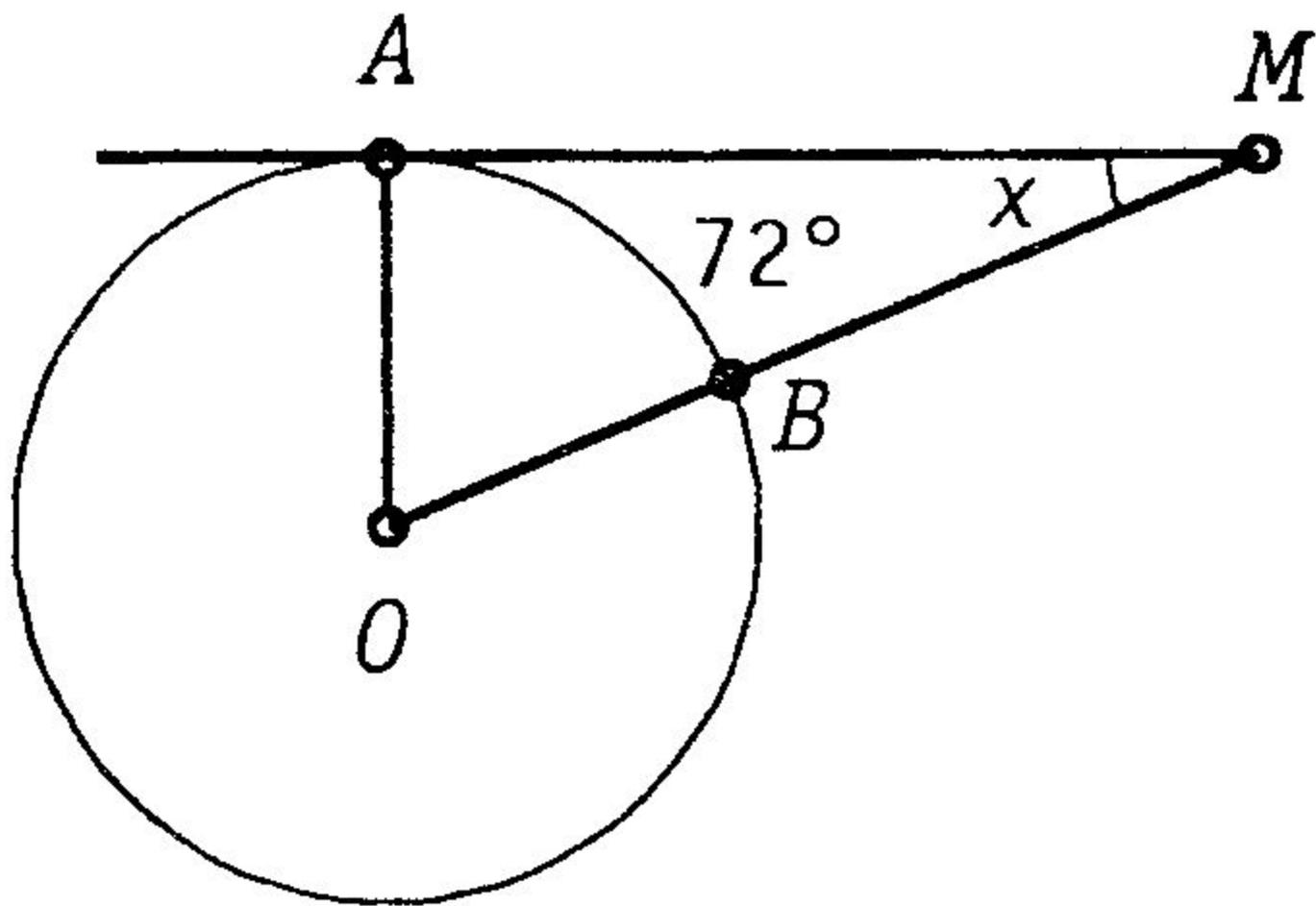
13



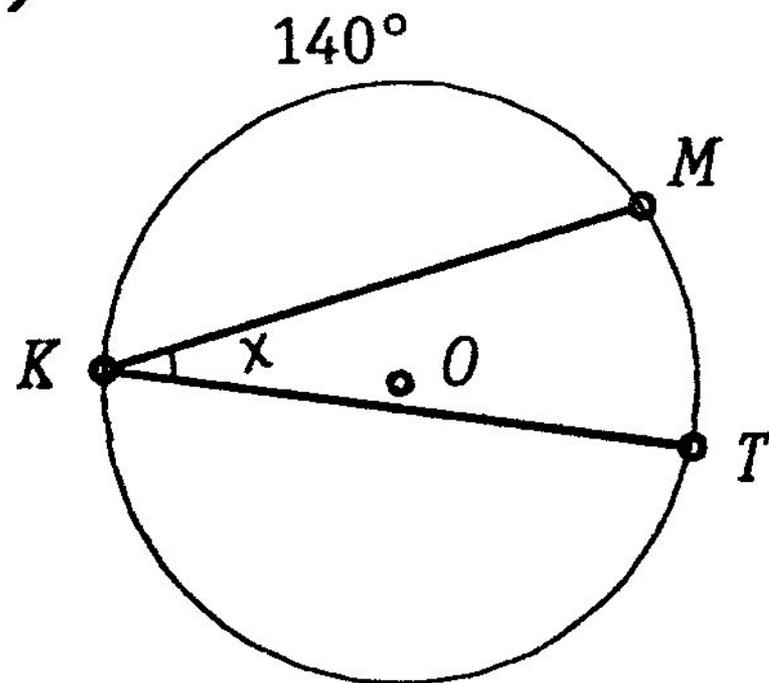
16



18

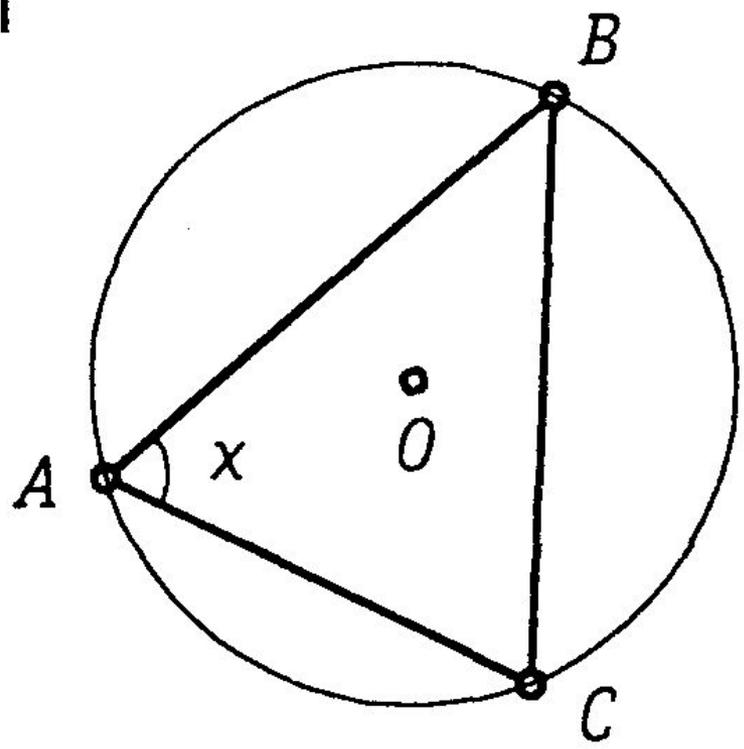


47



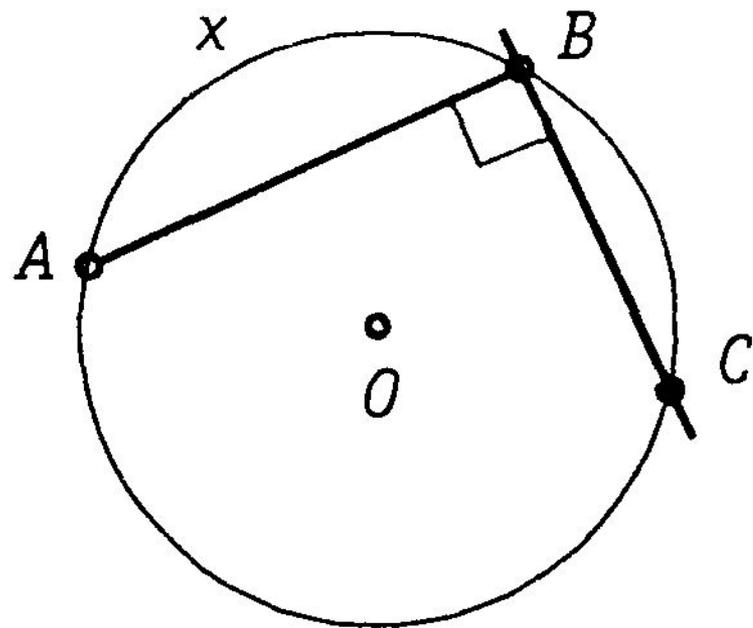
$$\overset{\frown}{KT} : \overset{\frown}{TM} = 7 : 4$$

51



$$\text{arc } AB : \text{arc } BC : \text{arc } AC = 7 : 11 : 6$$

52



$$\text{arc } BC : \text{arc } CA = 2 : 5$$