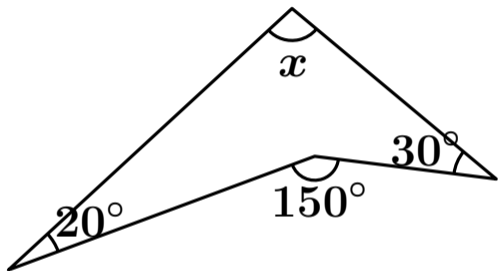
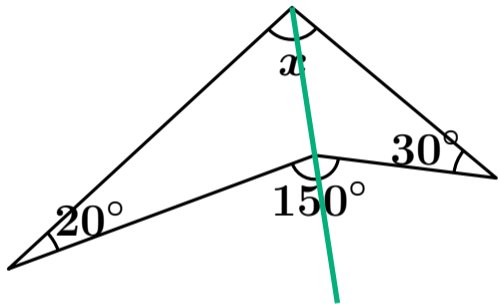


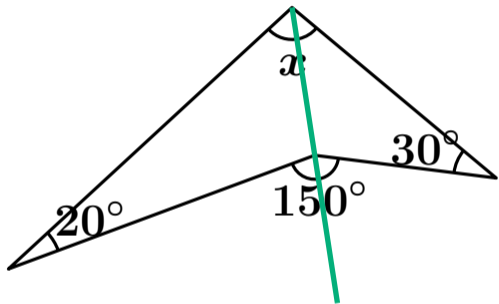
# 角度は何度？



# 角度は何度？

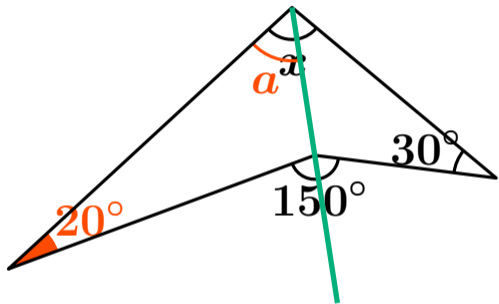


# 角度は何度？

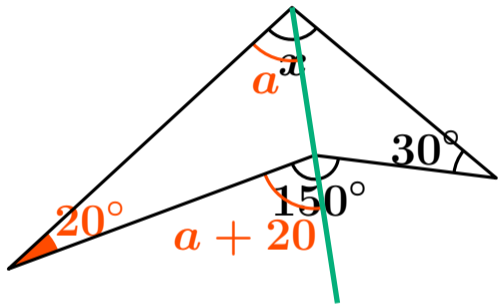


「三角形の外角は、その外角に隣り合わない2つの内角の和に等しい」ので

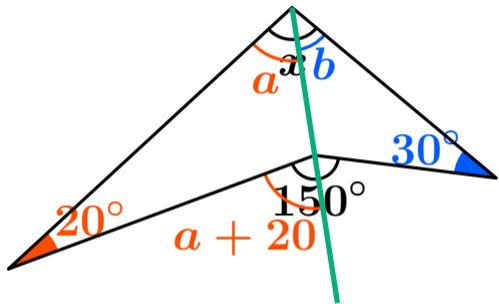
# 角度は何度？



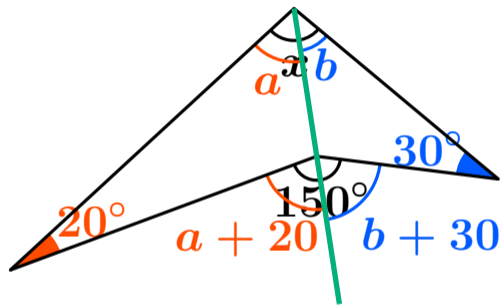
# 角度は何度？



# 角度は何度？

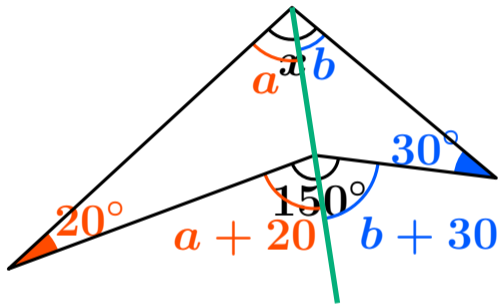


# 角度は何度？



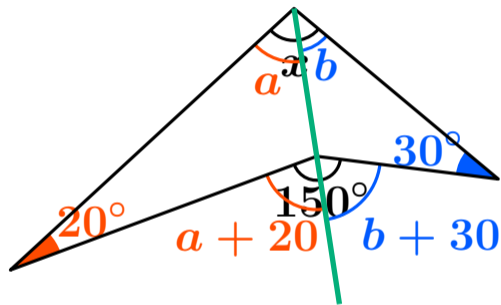
# 角度は何度？

$$a + 20 + b + 30 = 150$$





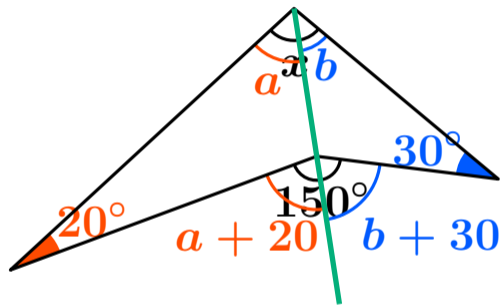
# 角度は何度？



$$a + 20 + b + 30 = 150$$

$$a + b + 50 = 150$$

# 角度は何度？

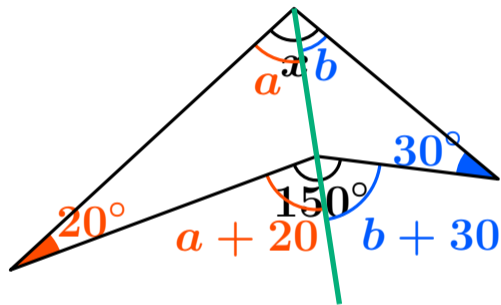


$$a + 20 + b + 30 = 150$$

$$a + b + 50 = 150$$

$$x + 50 = 150$$

# 角度は何度？



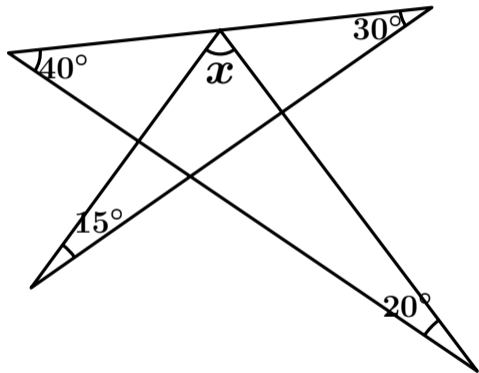
$$a + 20 + b + 30 = 150$$

$$a + b + 50 = 150$$

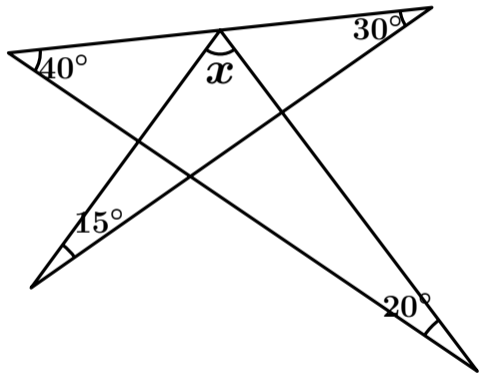
$$x + 50 = 150$$

$$x = 100^\circ \quad \boxed{\text{答}}$$

# 角度は何度？

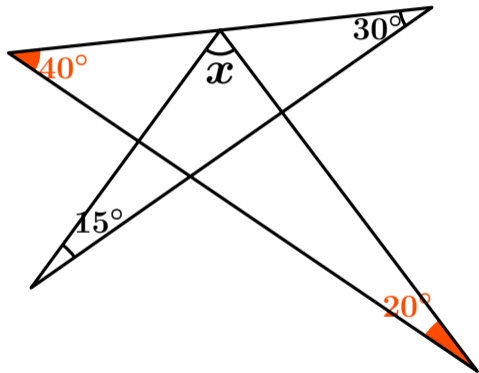


# 角度は何度？

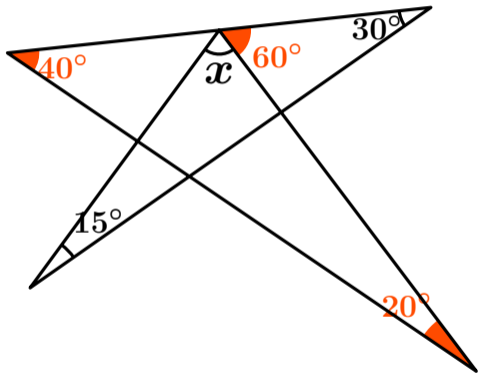


「三角形の外角は、その外角に隣り合わない2つの内角の和に等しい」ので

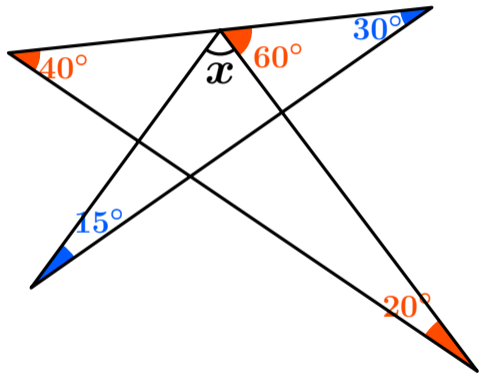
# 角度は何度？



# 角度は何度？

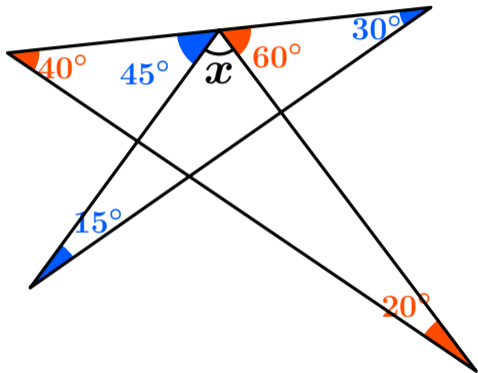


# 角度は何度？



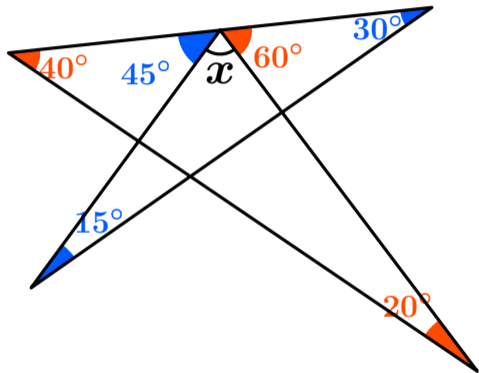


# 角度は何度？

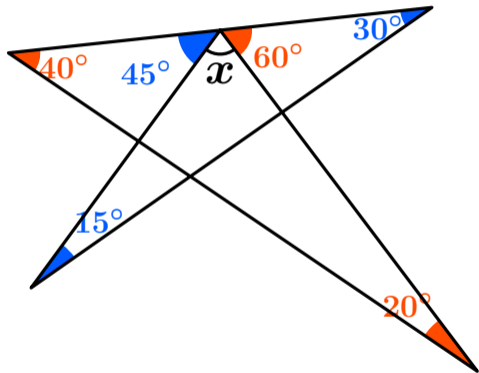


# 角度は何度？

一直線は  $180^\circ$  なので



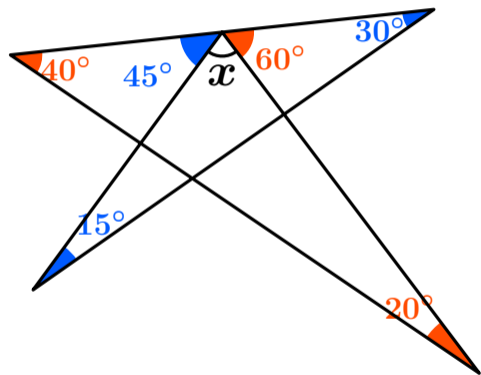
# 角度は何度？



一直線は  $180^\circ$  なので

$$45 + x + 60 = 180$$

# 角度は何度？

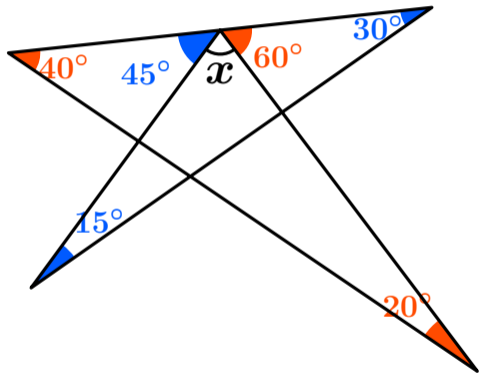


一直線は  $180^\circ$  なので

$$45 + x + 60 = 180$$

$$x + 105 = 180$$

# 角度は何度？



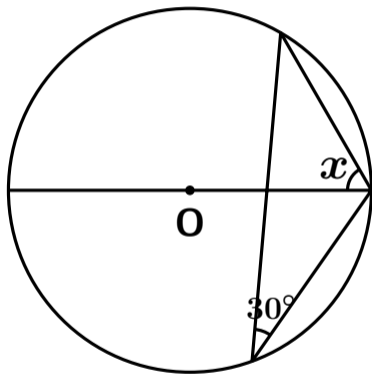
一直線は  $180^\circ$  なので

$$45 + x + 60 = 180$$

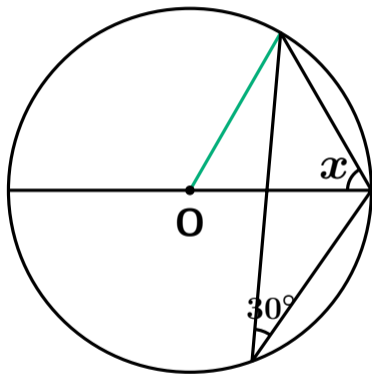
$$x + 105 = 180$$

$$x = 75^\circ \quad \boxed{\text{答}}$$

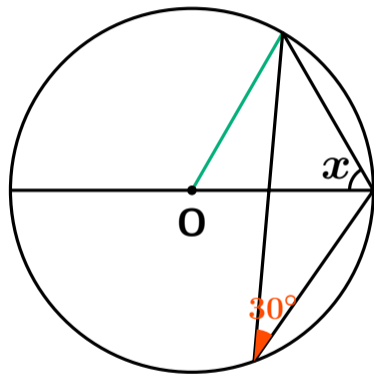
# 角度は何度？



# 角度は何度？



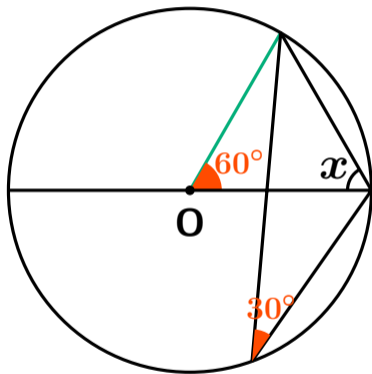
# 角度は何度？



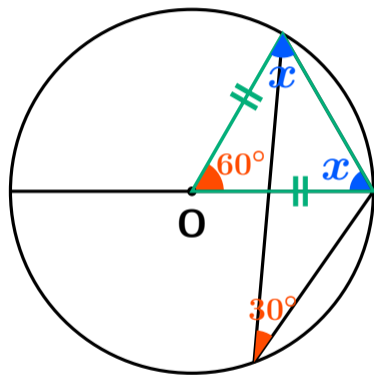
中心角は円周角の 2 倍な  
ので



# 角度は何度？

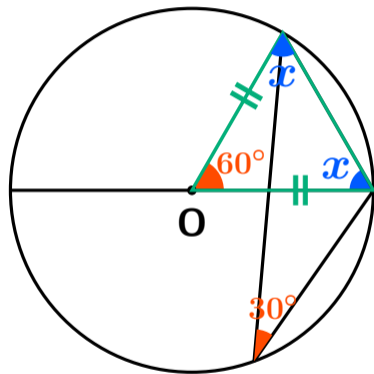


# 角度は何度？



二等辺三角形なので、底角  
は等しい

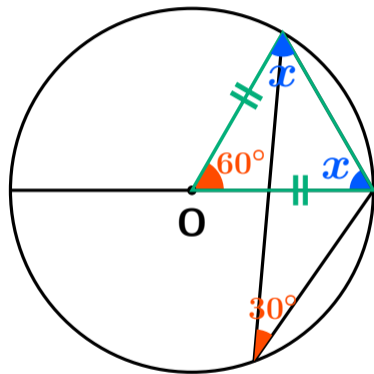
# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので

$$2x + 60 = 180$$

# 角度は何度？

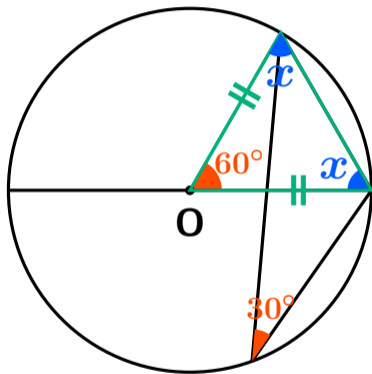


三角形の内角の和は  
 $180^\circ$  なので

$$2x + 60 = 180$$

$$2x = 120$$

# 角度は何度？



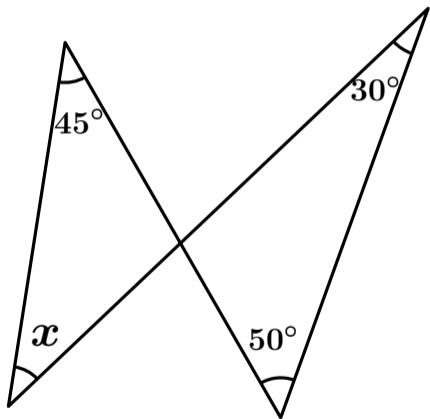
三角形の内角の和は  
 $180^\circ$  なので

$$2x + 60 = 180$$

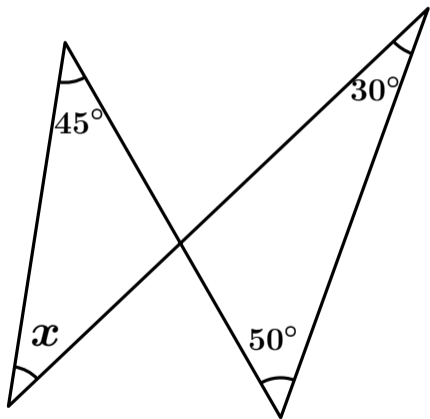
$$2x = 120$$

$$x = 60^\circ \quad \boxed{\text{答}}$$

# 角度は何度？

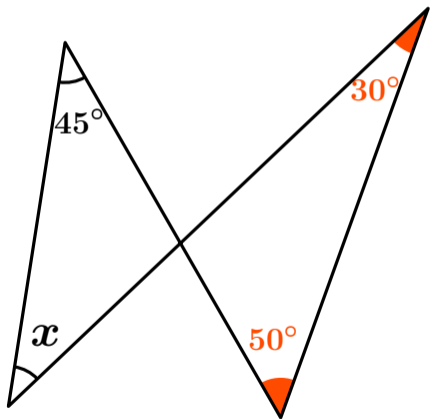


# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので

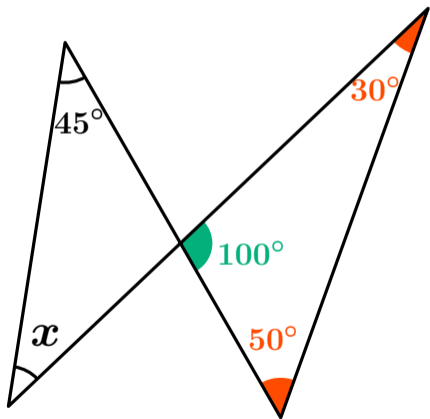
# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので



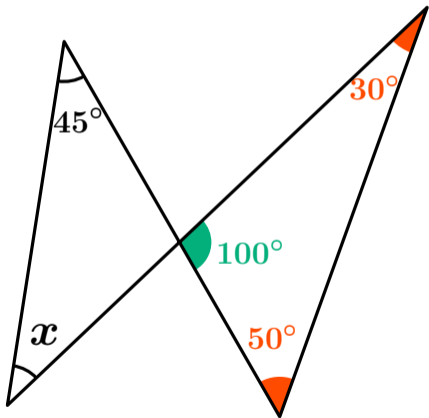
# 角度は何度？



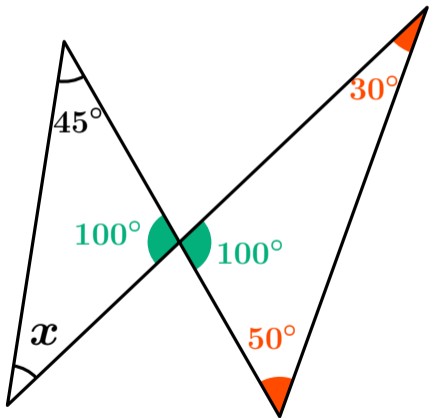
三角形の内角の和は  
 $180^\circ$  なので

# 角度は何度？

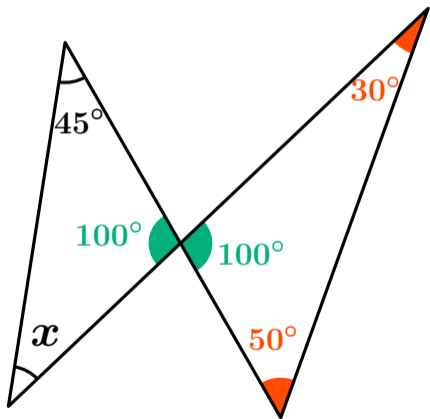
対頂角は等しいので



# 角度は何度？

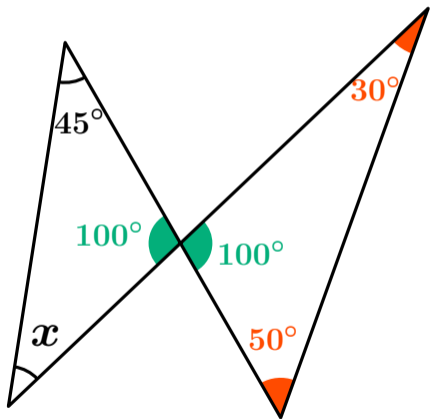


# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので

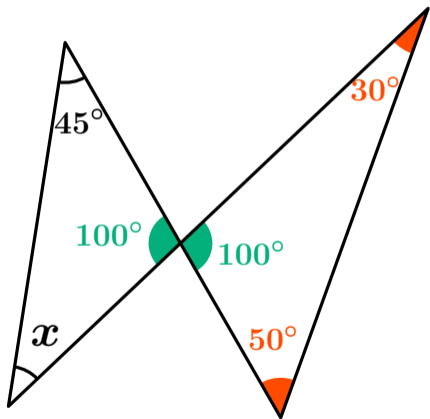
# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので

$$x + 45 + 100 = 180$$

# 角度は何度？

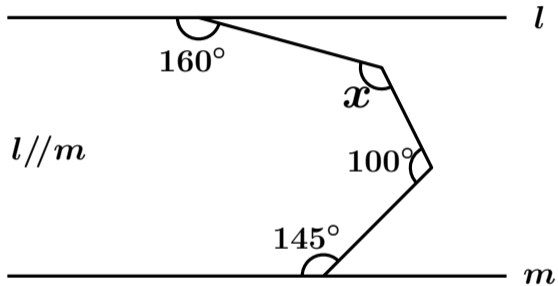


三角形の内角の和は  
 $180^\circ$  なので

$$x + 45 + 100 = 180$$

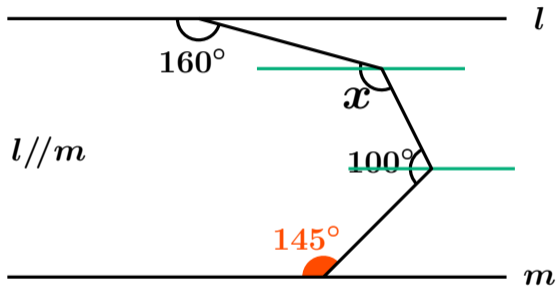
$$x = 35^\circ \quad \boxed{\text{答}}$$

# 角度は何度？



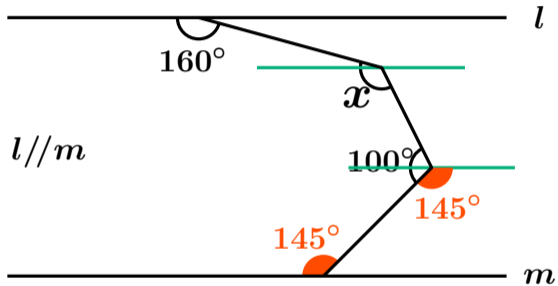
# 角度は何度？

錯角は等しいので



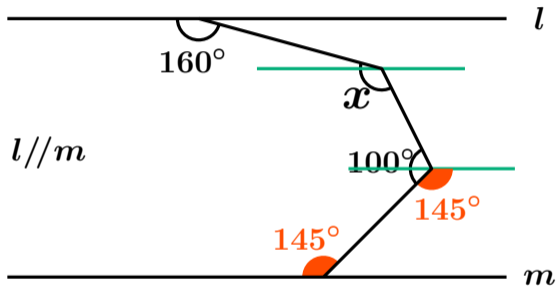


# 角度は何度？

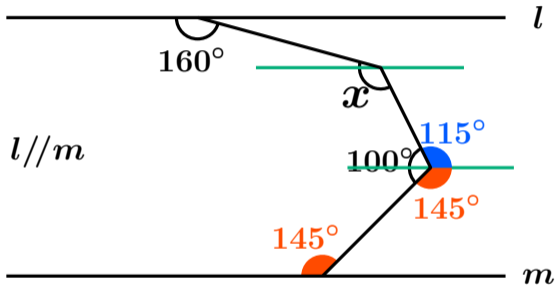


# 角度は何度？

一周は  $360^\circ$  なので

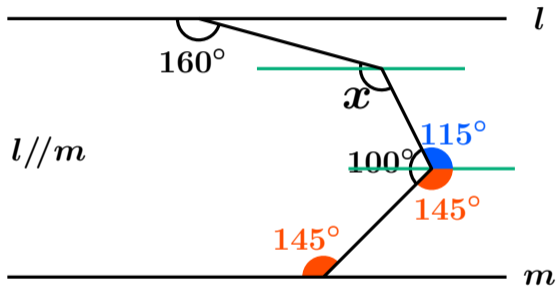


# 角度は何度？

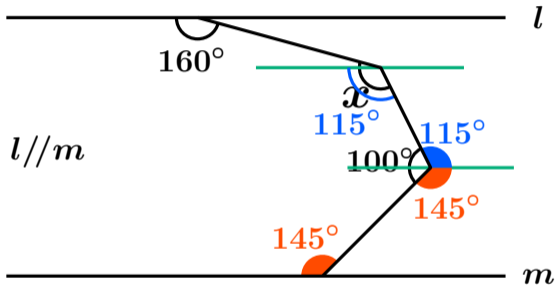


# 角度は何度？

錯角は等しいので

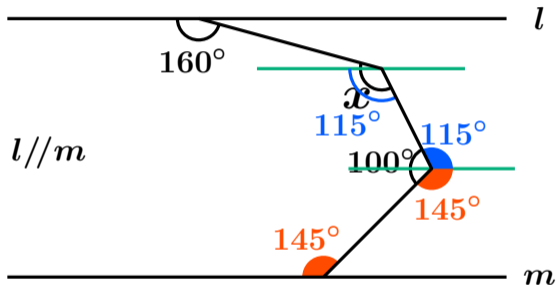


# 角度は何度？

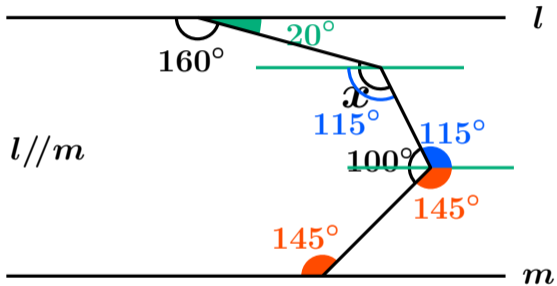


# 角度は何度？

一直線は  $180^\circ$  なので

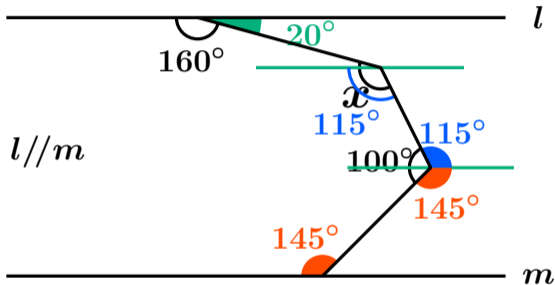


# 角度は何度？



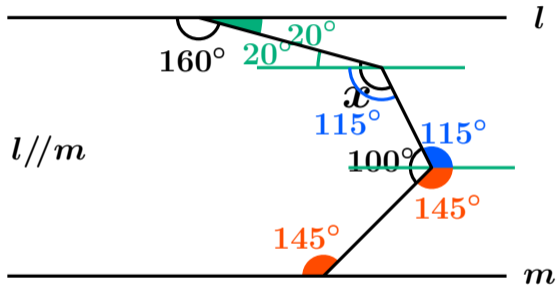
# 角度は何度？

錯角は等しいので

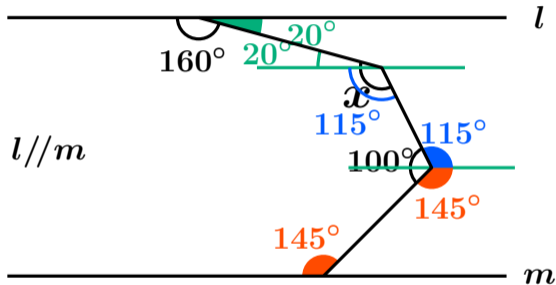




# 角度は何度？

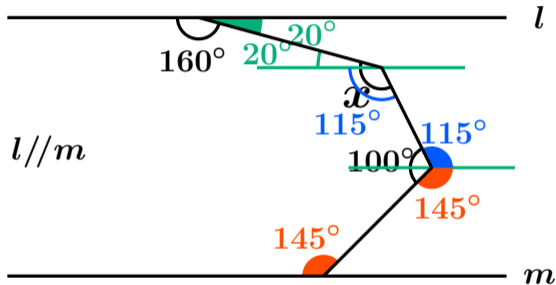


# 角度は何度？



$$x = 20 + 115$$

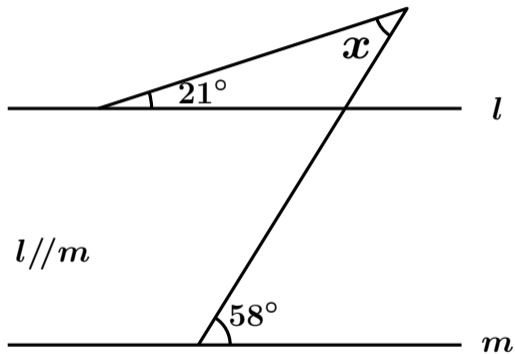
# 角度は何度？



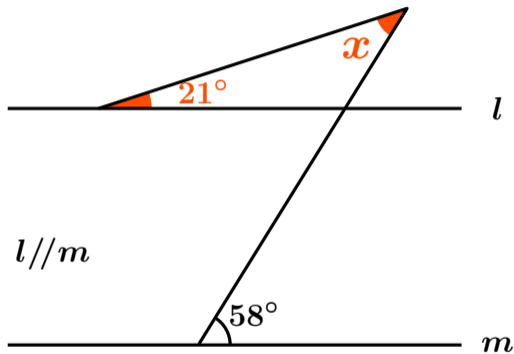
$$x = 20 + 115$$

$$x = 135^\circ \quad \boxed{\text{答}}$$

# 角度は何度？

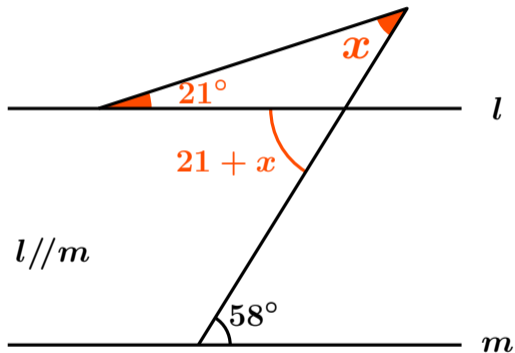


# 角度は何度？



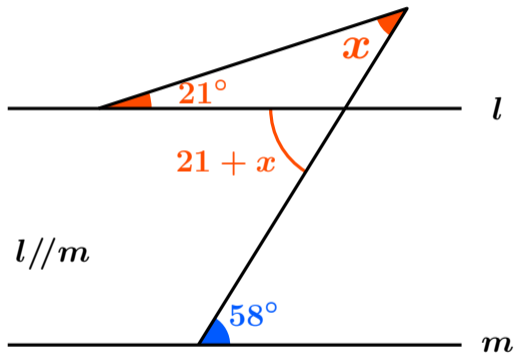
「三角形の外角は、その外角に隣り合わない2つの内角の和に等しい」ので

# 角度は何度？

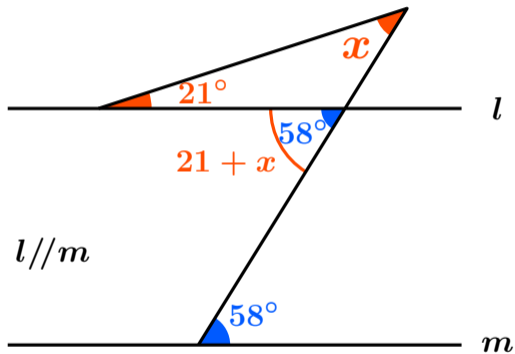


# 角度は何度？

錯角は等しいので

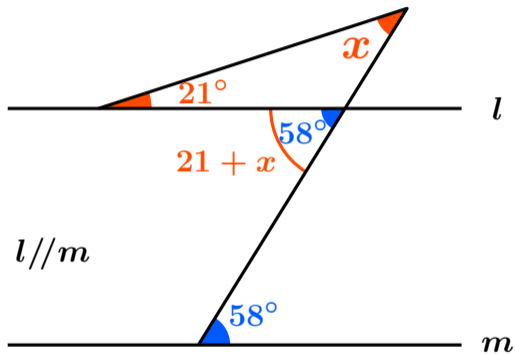


# 角度は何度？



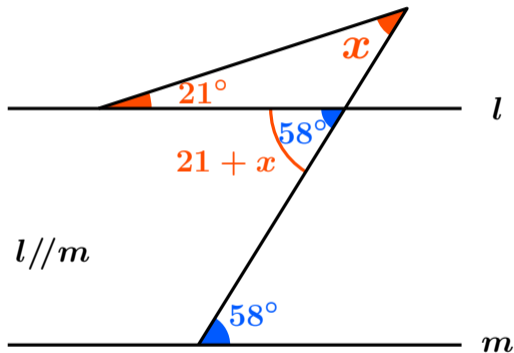


# 角度は何度？



$$21 + x = 58$$

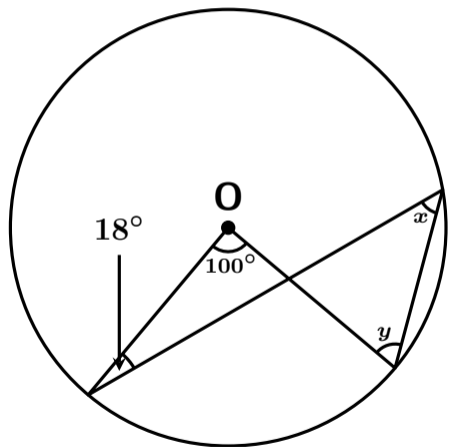
# 角度は何度？



$$21 + x = 58$$

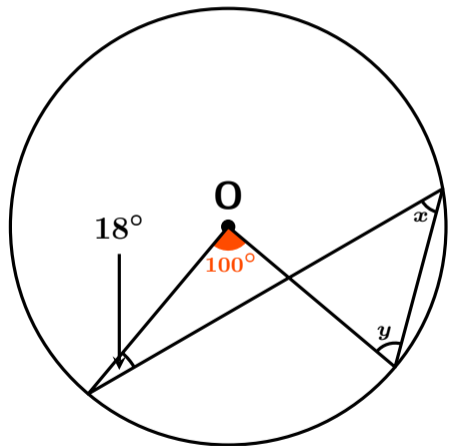
$$x = 37^\circ \quad \boxed{\text{答}}$$

# 角度は何度？

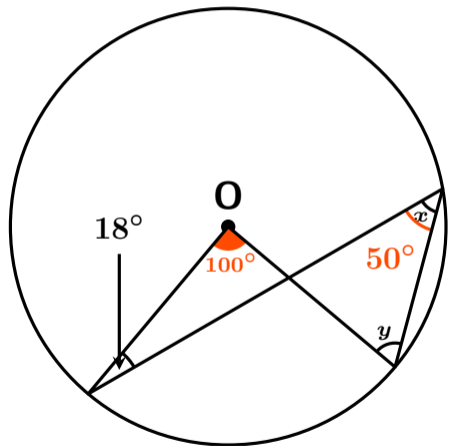


# 角度は何度？

中心角は円周角の 2 倍な  
ので

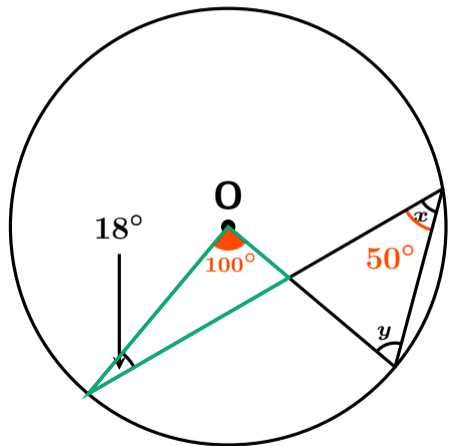


# 角度は何度？

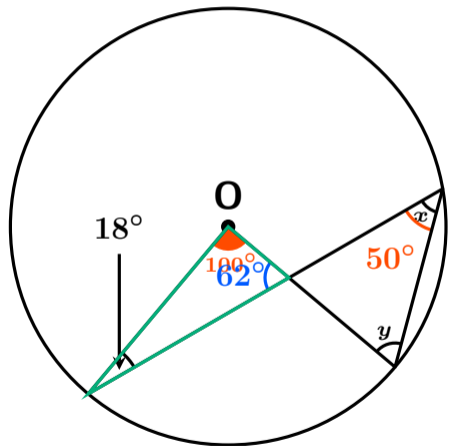


# 角度は何度？

三角形の内角の和は  
 $180^\circ$  なので

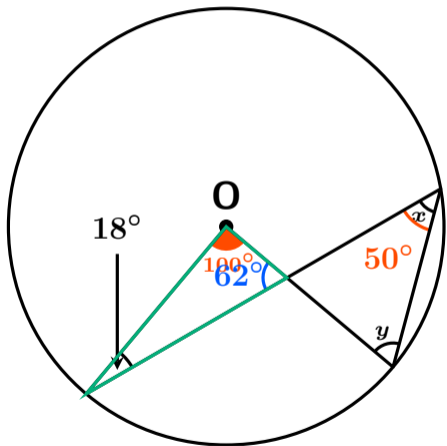


# 角度は何度？



# 角度は何度？

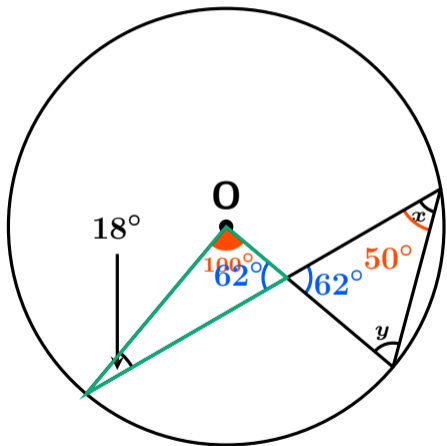
対頂角は等しいので





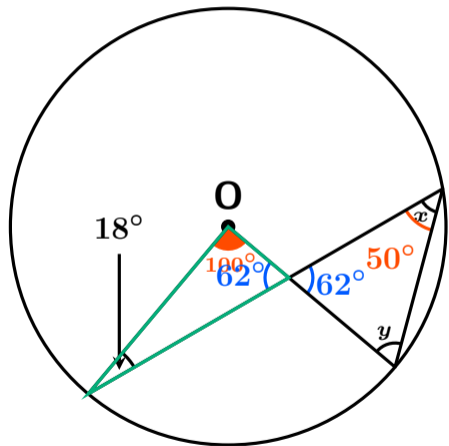
# 角度は何度？

対頂角は等しいので

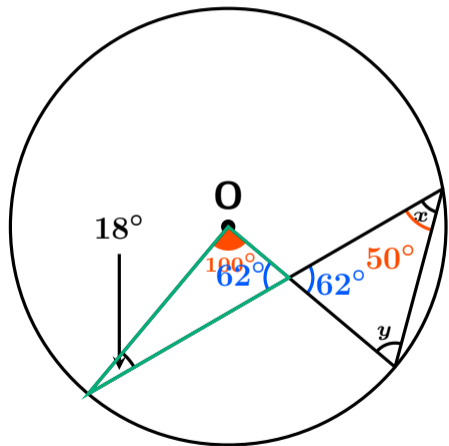


# 角度は何度？

三角形の内角の和は  
 $180^\circ$  なので

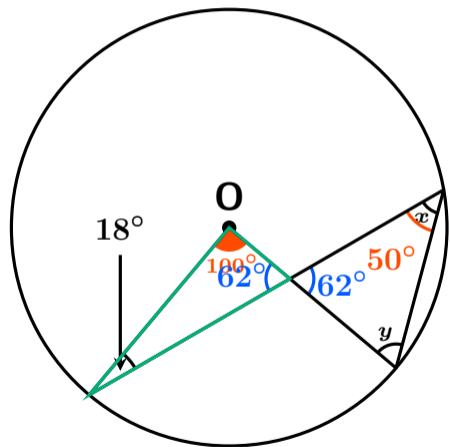


# 角度は何度？



$$y + 50 + 62 = 180$$

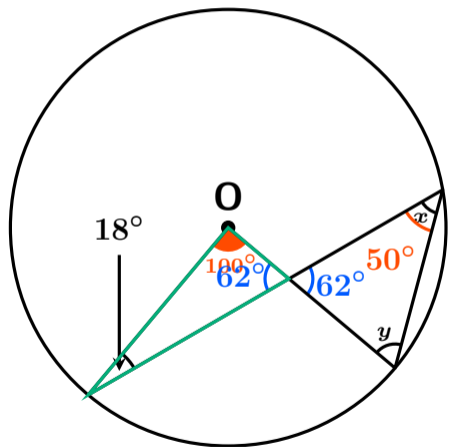
# 角度は何度？



$$y + 50 + 62 = 180$$

$$y + 112 = 180$$

# 角度は何度？

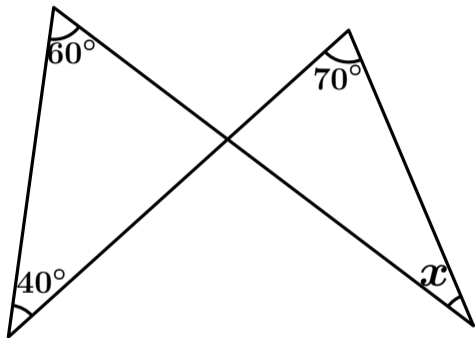


$$y + 50 + 62 = 180$$

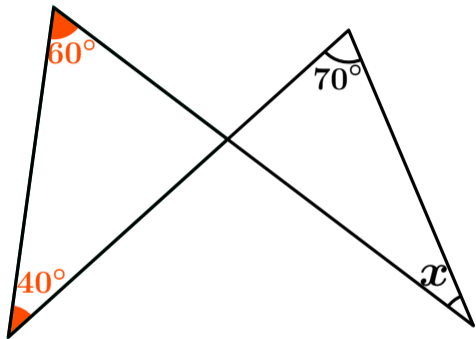
$$y + 112 = 180$$

$$y = 68^\circ \quad \boxed{\text{答}}$$

# 角度は何度？

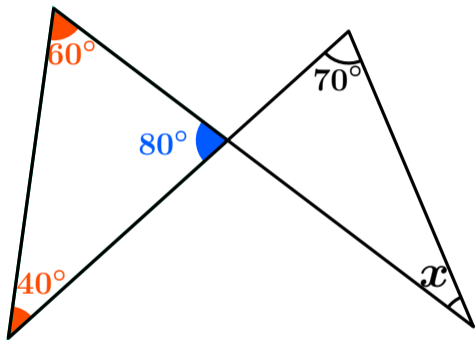


# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので

# 角度は何度？

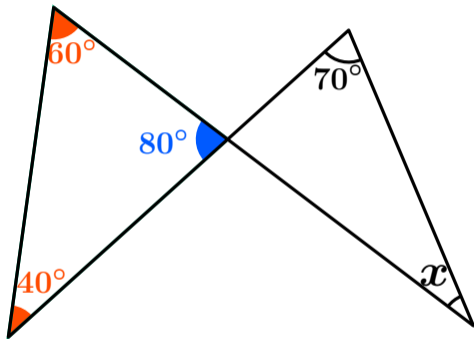


三角形の内角の和は  
 $180^\circ$  なので

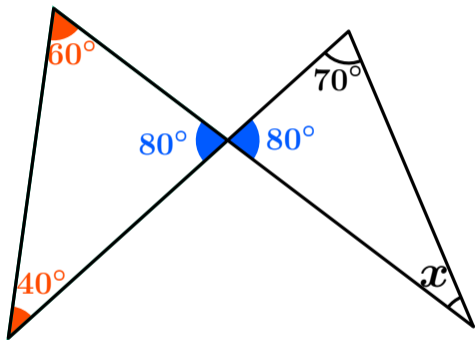


# 角度は何度？

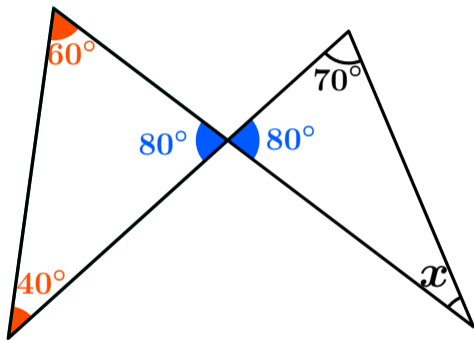
対頂角は等しいので



# 角度は何度？

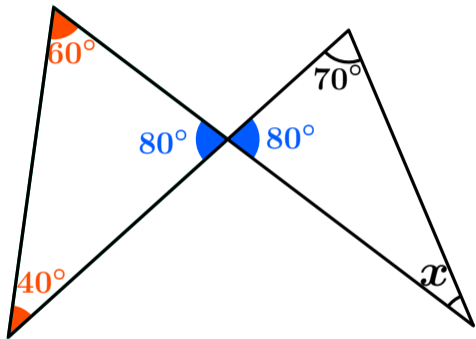


# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので

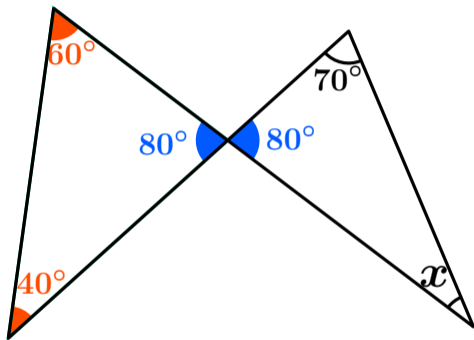
# 角度は何度？



三角形の内角の和は  
 $180^\circ$  なので

$$x + 70 + 80 = 180$$

# 角度は何度？

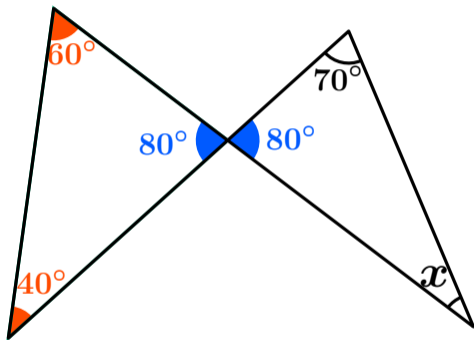


三角形の内角の和は  
 $180^\circ$  なので

$$x + 70 + 80 = 180$$

$$x + 150 = 180$$

# 角度は何度？



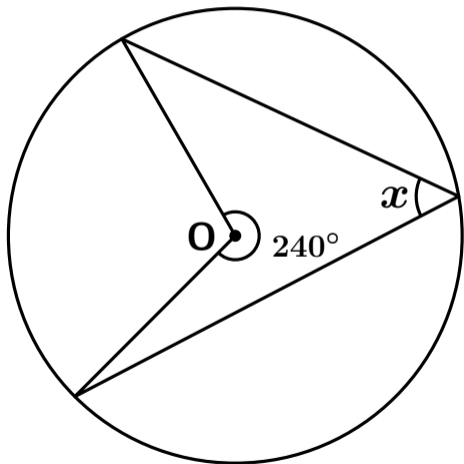
三角形の内角の和は  
 $180^\circ$  なので

$$x + 70 + 80 = 180$$

$$x + 150 = 180$$

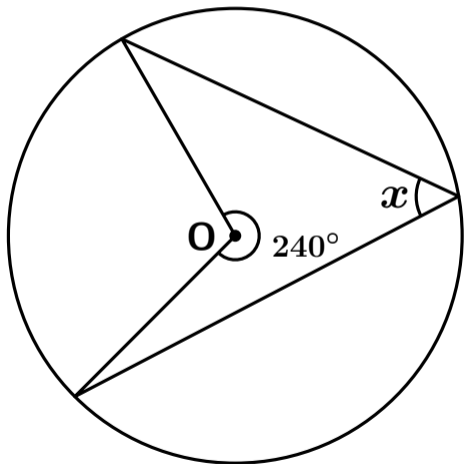
$$x = 30^\circ \quad \boxed{\text{答}}$$

# 角度は何度？



# 角度は何度？

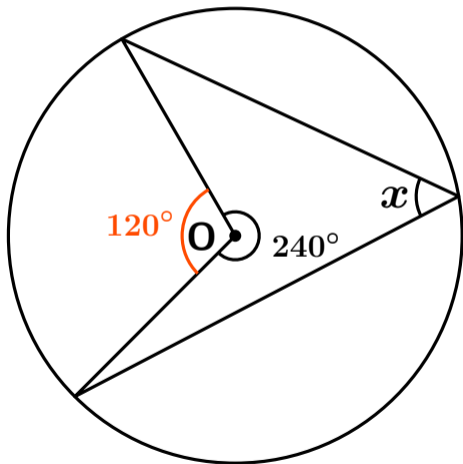
一周は  $360^\circ$  なので





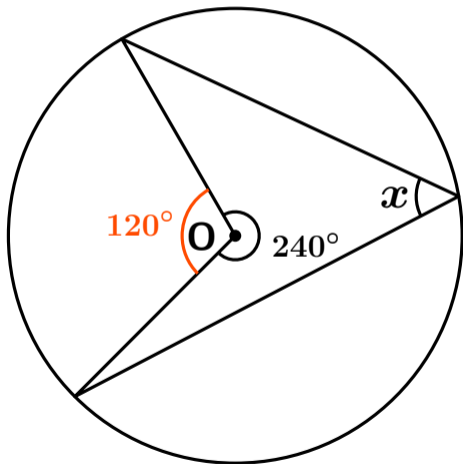
# 角度は何度？

一周は  $360^\circ$  なので



# 角度は何度？

中心角は円周角の 2 倍な  
ので



# 角度は何度？

中心角は円周角の 2 倍なので

