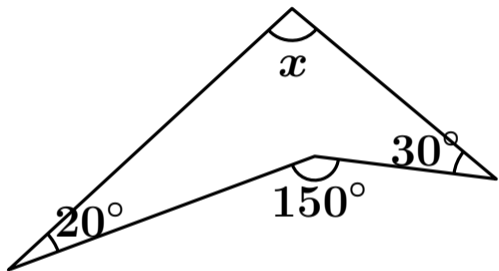
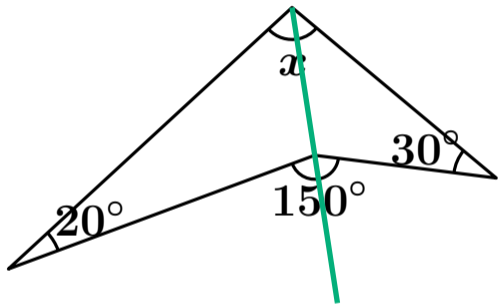


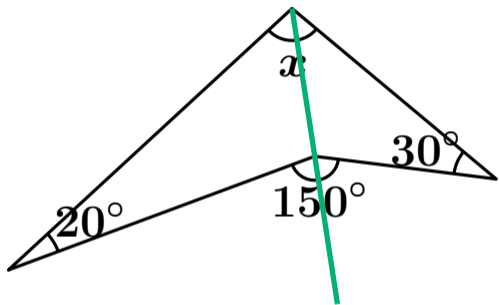
角度は何度？



角度は何度？

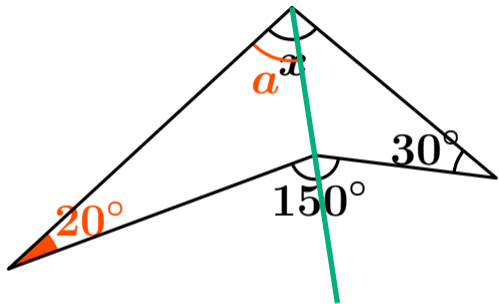


角度は何度？

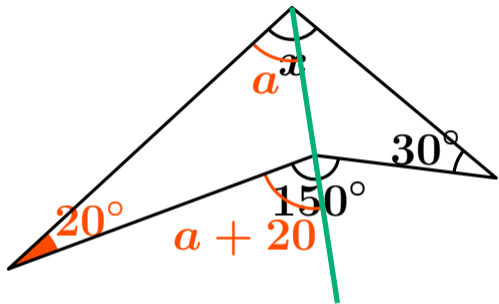


「三角形の外角は、その外角に隣り合わない2つの内角の和に等しい」ので

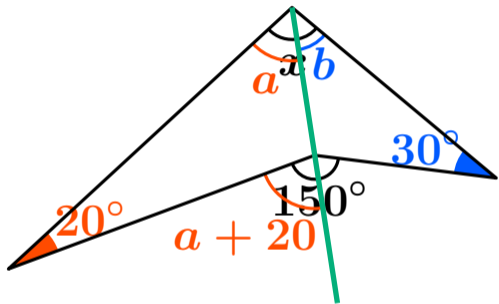
角度は何度？



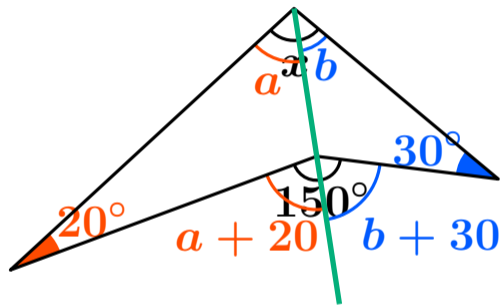
角度は何度？



角度は何度？

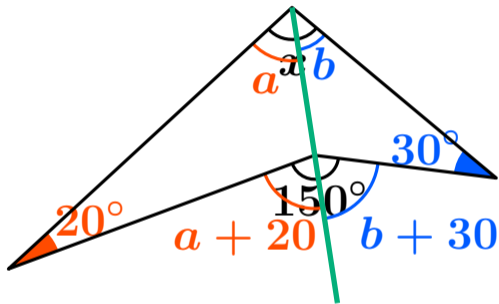


角度は何度？

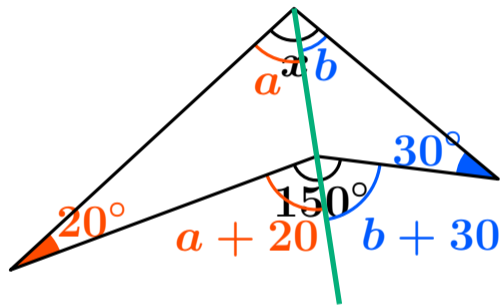


角度は何度？

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



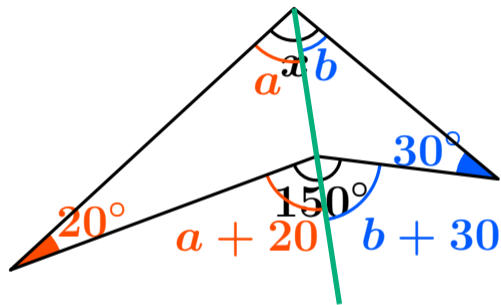
角度は何度？



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

$$a + b + 50 = 150$$

角度は何度？

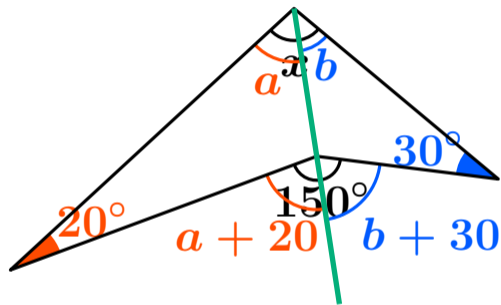


$$a + 20 + b + 30 = 150$$

$$a + b + 50 = 150$$

$$x + 50 = 150$$

角度は何度？



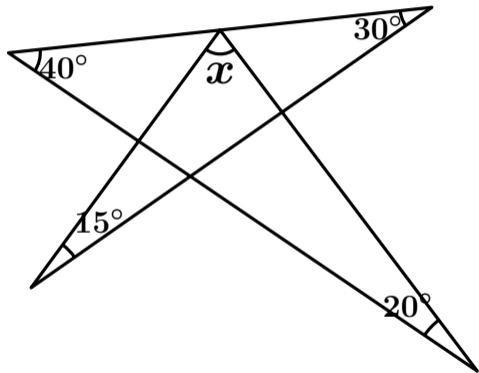
$$a + 20 + b + 30 = 150$$

$$a + b + 50 = 150$$

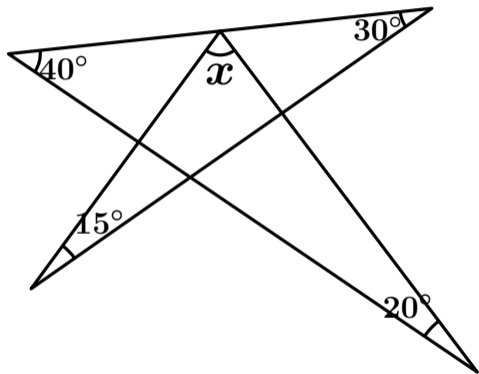
$$x + 50 = 150$$

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

角度は何度？

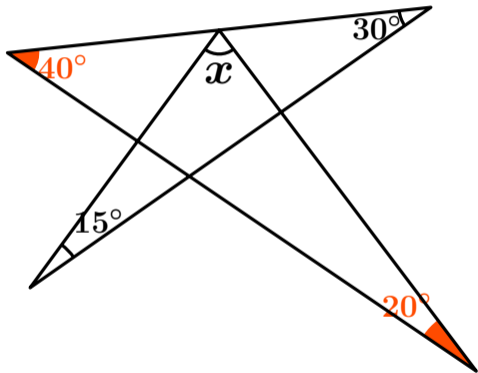


角度は何度？

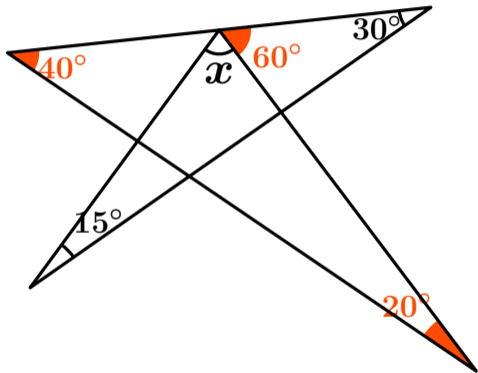


「三角形の外角は、その外角に隣り合わない2つの内角の和に等しい」ので

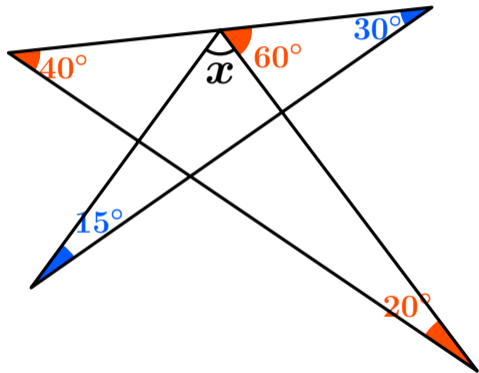
角度は何度？



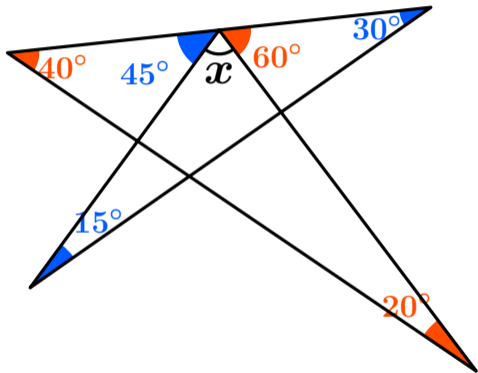
角度は何度？



角度は何度？

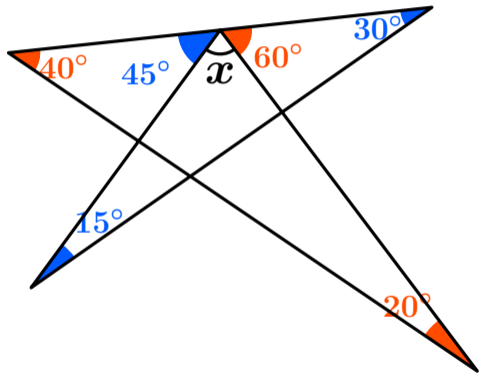


角度は何度？

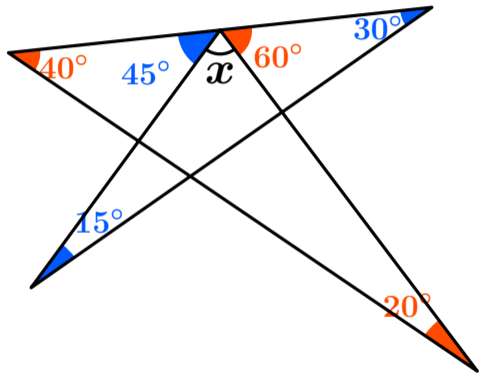


角度は何度？

一直線は 180° なので



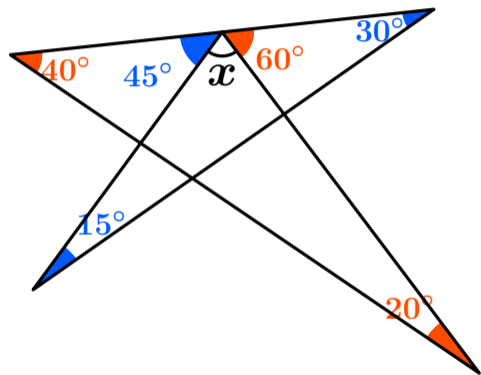
角度は何度？



一直線は 180° なので

$$45 + x + 60 = 180$$

角度は何度？

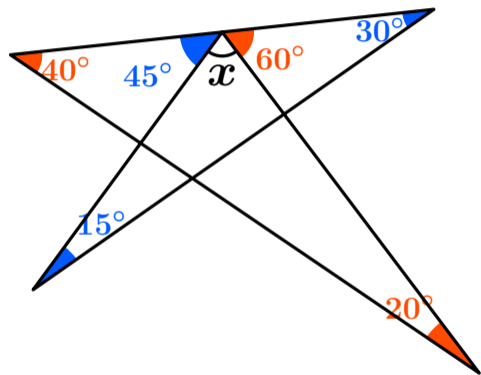


一直線は 180° なので

$$45 + x + 60 = 180$$

$$x + 105 = 180$$

角度は何度？



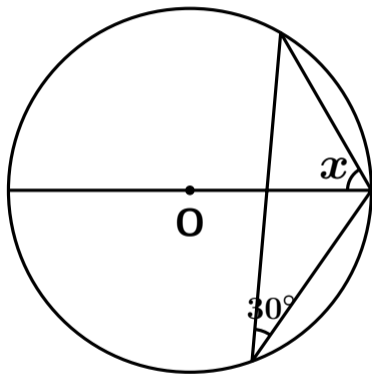
一直線は 180° なので

$$45 + x + 60 = 180$$

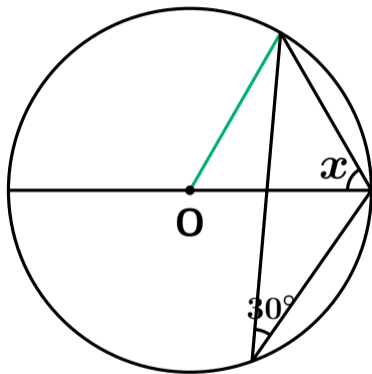
$$x + 105 = 180$$

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

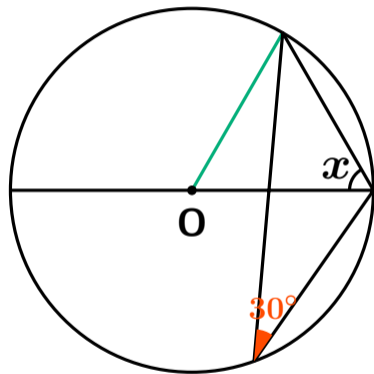
角度は何度？



角度は何度？

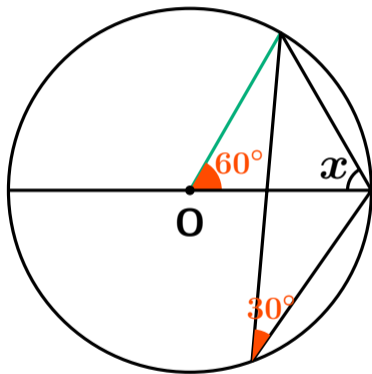


角度は何度？

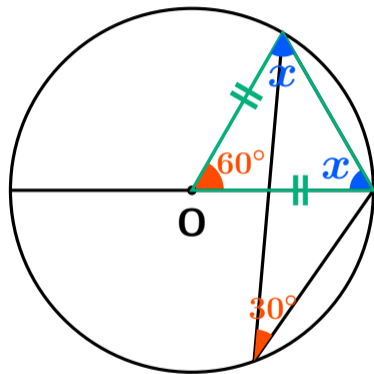


中心角は円周角の 2 倍な
ので

角度は何度？

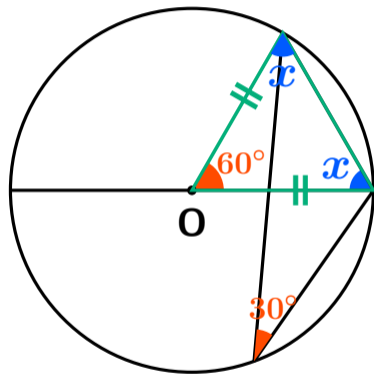


角度は何度？



二等辺三角形なので、底角
は等しい

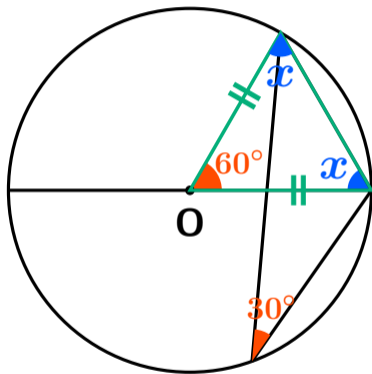
角度は何度？



三角形の内角の和は
 180° なので

$$2x + 60 = 180$$

角度は何度？

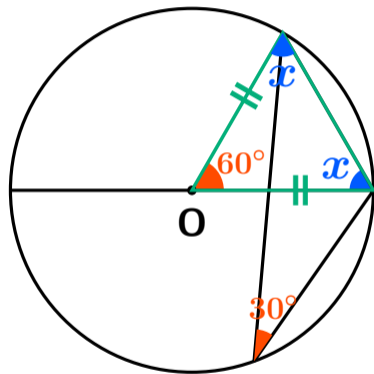


三角形の内角の和は
 180° なので

$$2x + 60 = 180$$

$$2x = 120$$

角度は何度？



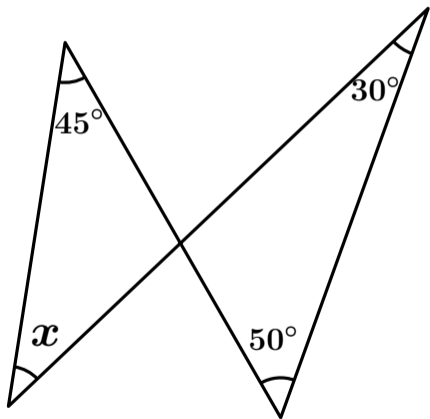
三角形の内角の和は
 180° なので

$$2x + 60 = 180$$

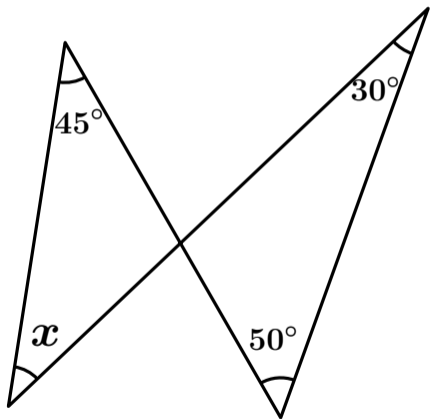
$$2x = 120$$

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

角度は何度？

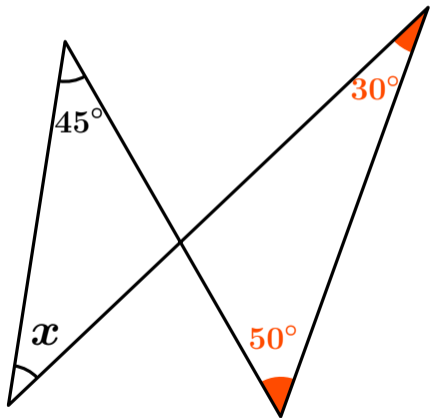


角度は何度？



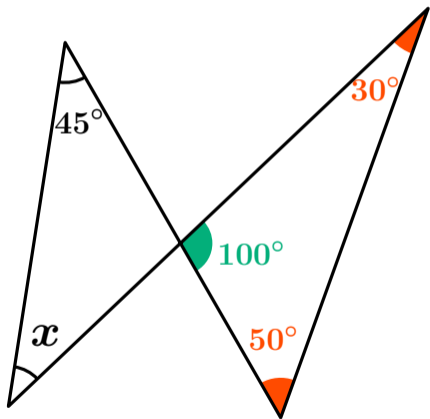
三角形の内角の和は
 180° なので

角度は何度？



三角形の内角の和は
 180° なので

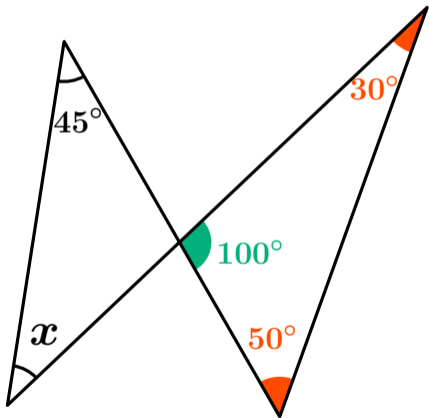
角度は何度？



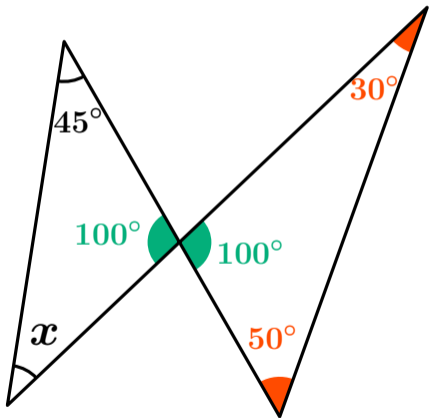
三角形の内角の和は
 180° なので

角度は何度？

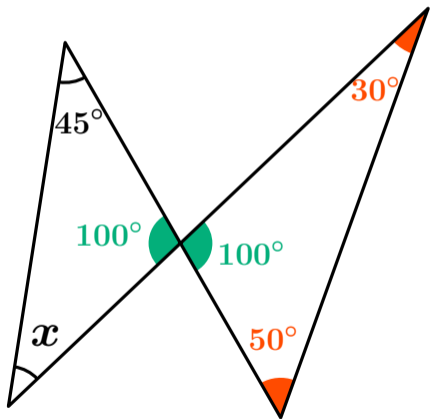
対頂角は等しいので



角度は何度？

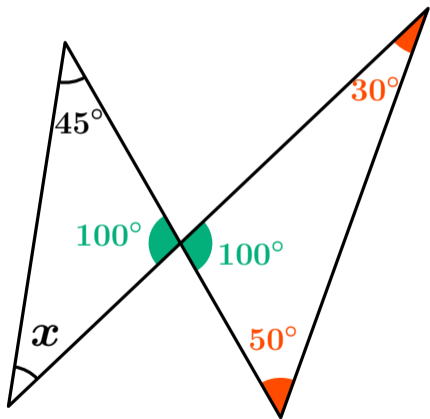


角度は何度？



三角形の内角の和は
 180° なので

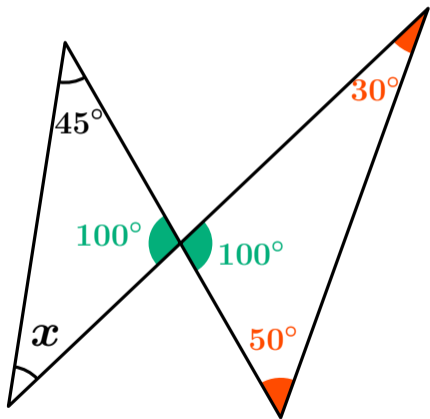
角度は何度？



三角形の内角の和は
 180° なので

$$x + 45 + 100 = 180$$

角度は何度？

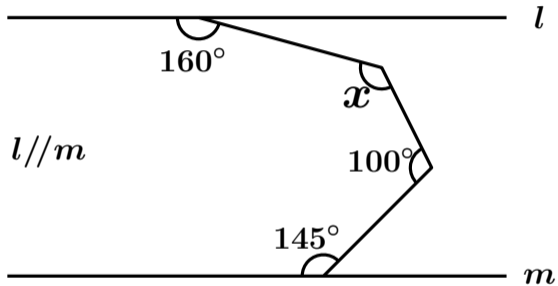


三角形の内角の和は
 180° なので

$$x + 45 + 100 = 180$$

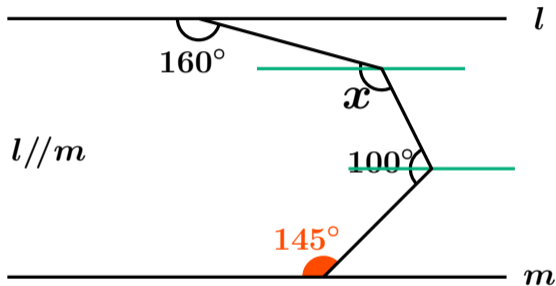
$$x = 35^\circ \quad \boxed{\text{答}}$$

角度は何度？

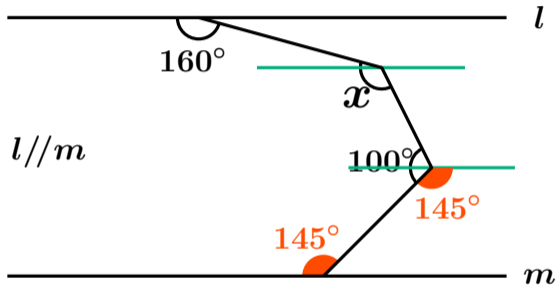


角度は何度？

錯角は等しいので

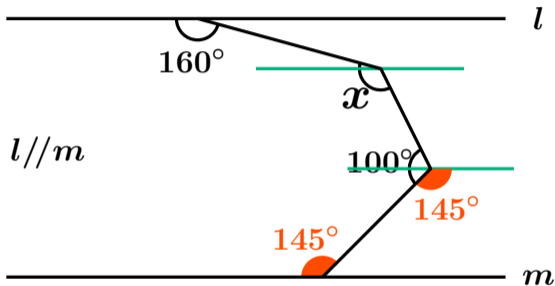


角度は何度？

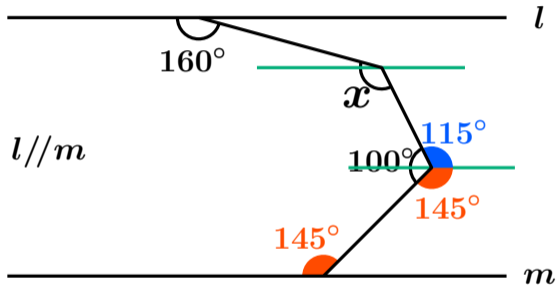


角度は何度？

一周は 360° なので

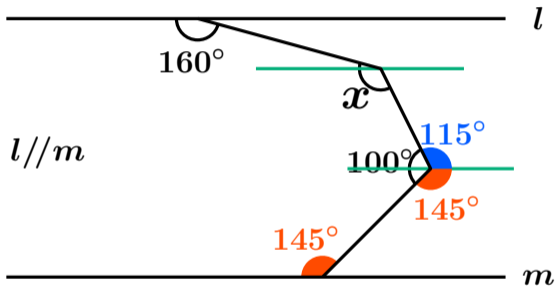


角度は何度？

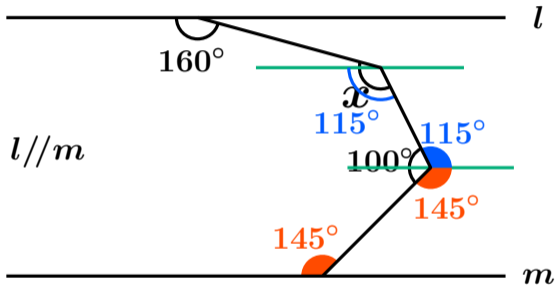


角度は何度？

錯角は等しいので

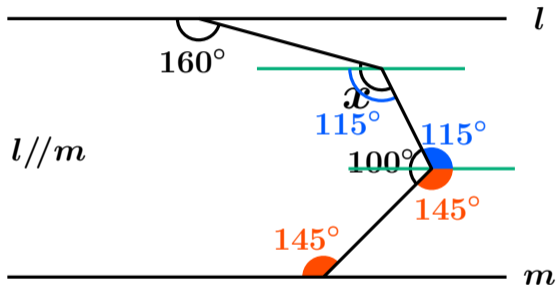


角度は何度？

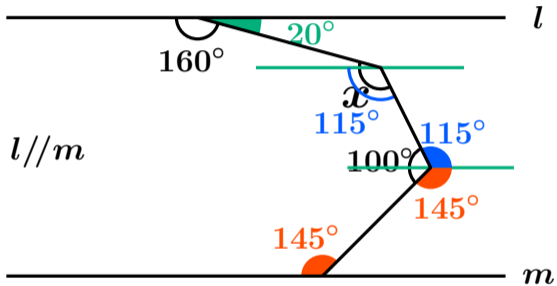


角度は何度？

一直線は 180° なので

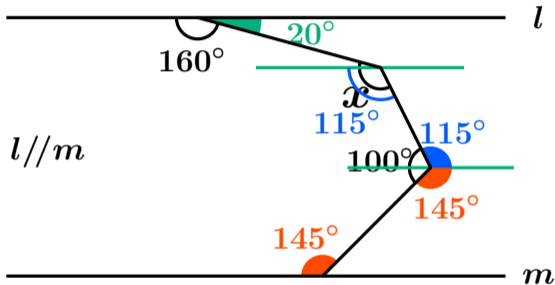


角度は何度？

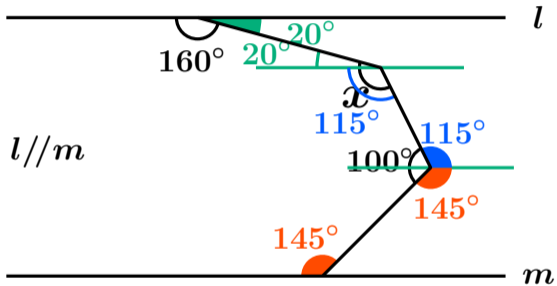


角度は何度？

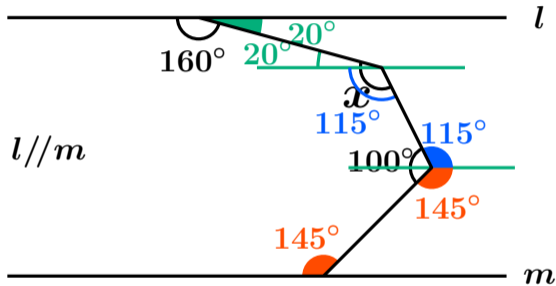
錯角は等しいので



角度は何度？

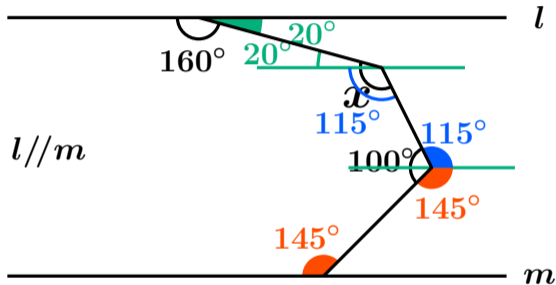


角度は何度？



$$x = 20 + 115$$

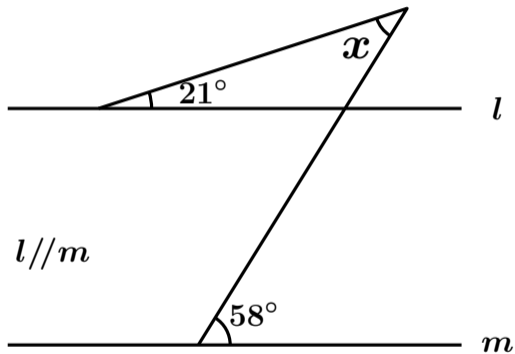
角度は何度？



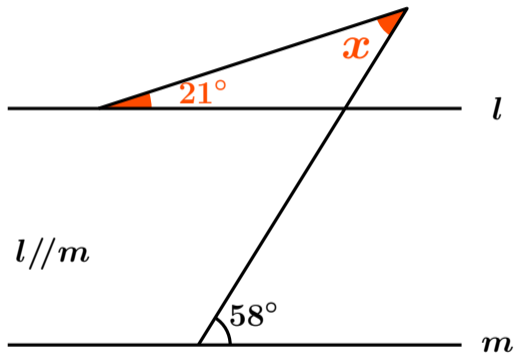
$$x = 20 + 115$$

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

角度は何度？

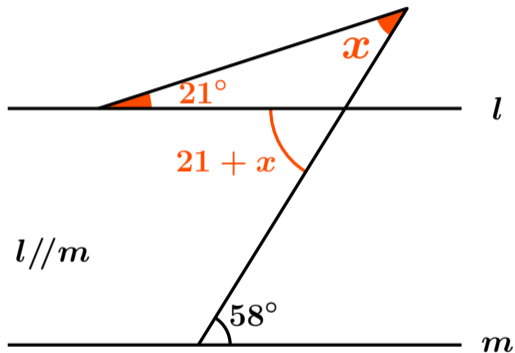


角度は何度？



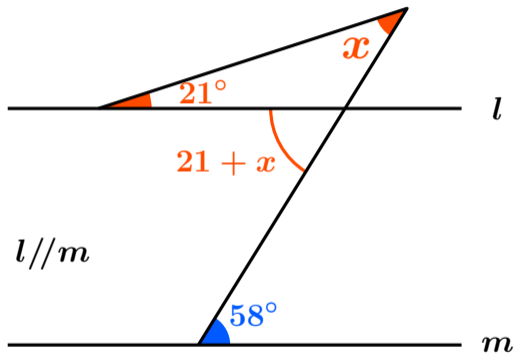
「三角形の外角は、その外角に隣り合わない2つの内角の和に等しい」ので

角度は何度？

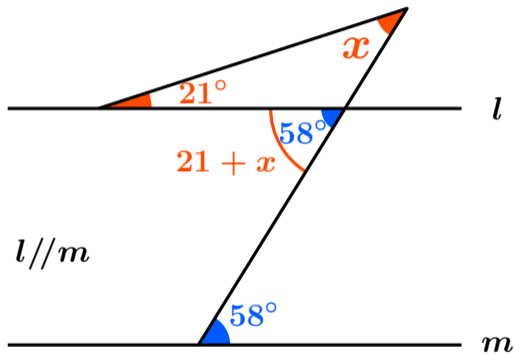


角度は何度？

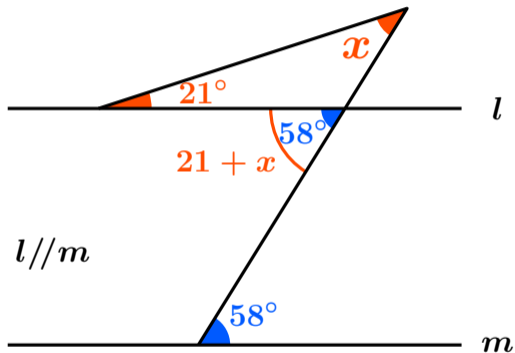
錯角は等しいので



角度は何度？

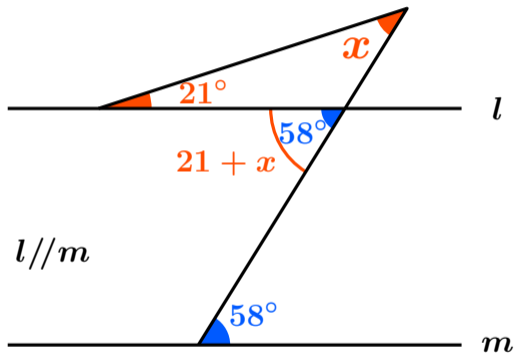


角度は何度？



$$21 + x = 58$$

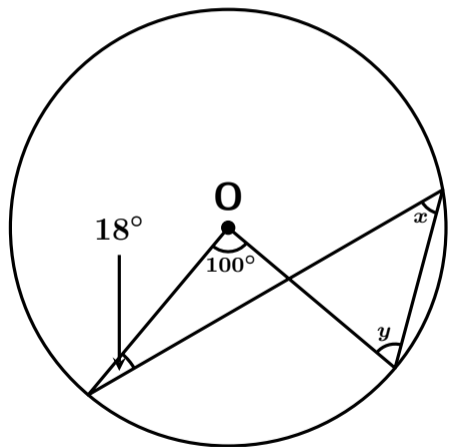
角度は何度？



$$21 + x = 58$$

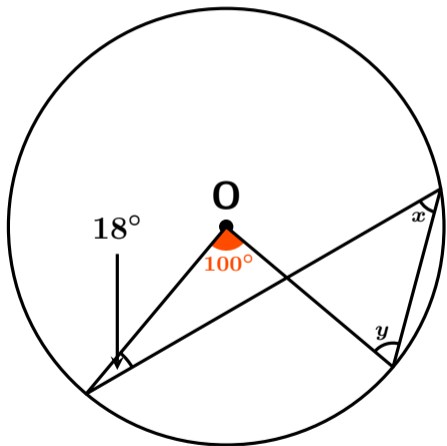
$$x = 37^\circ \quad \boxed{\text{答}}$$

角度は何度？

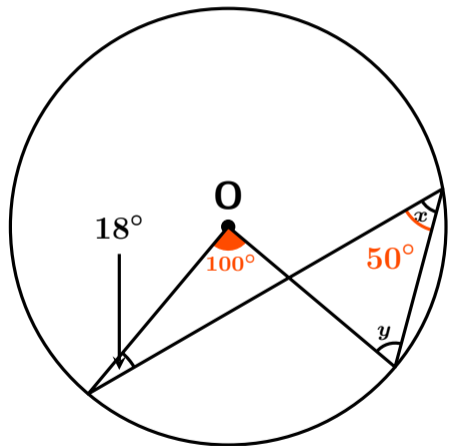


角度は何度？

中心角は円周角の 2 倍なので

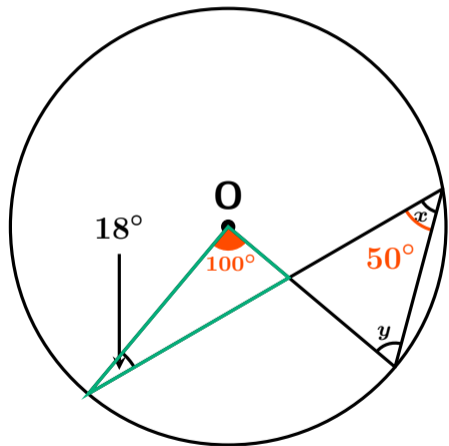


角度は何度？

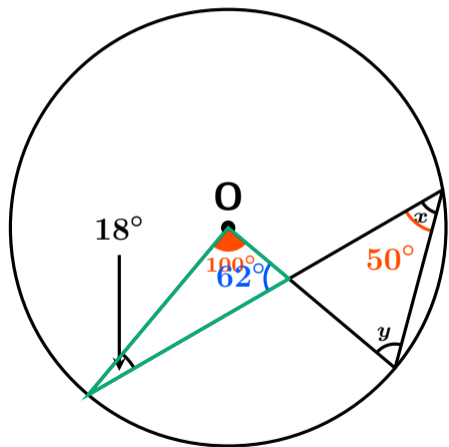


角度は何度？

三角形の内角の和は
 180° なので

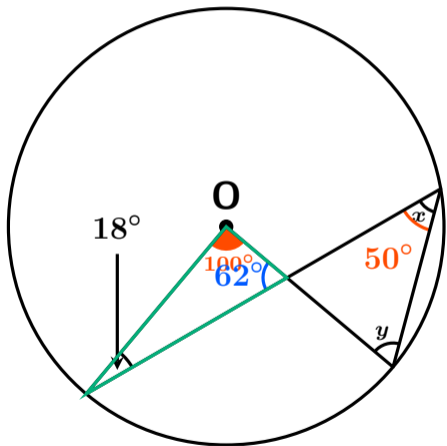


角度は何度？



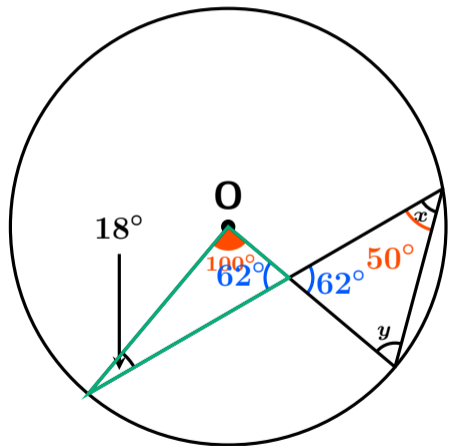
角度は何度？

対頂角は等しいので



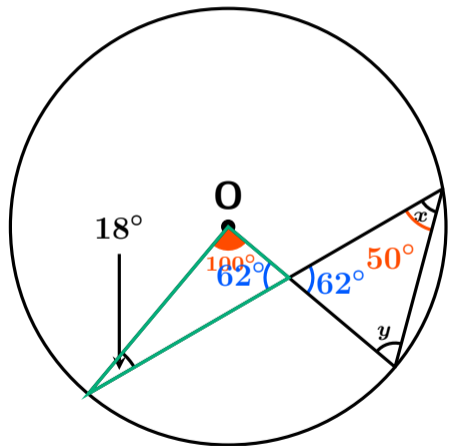
角度は何度？

対頂角は等しいので

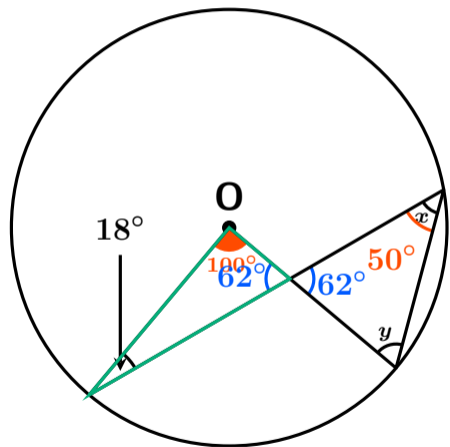


角度は何度？

三角形の内角の和は
 180° なので

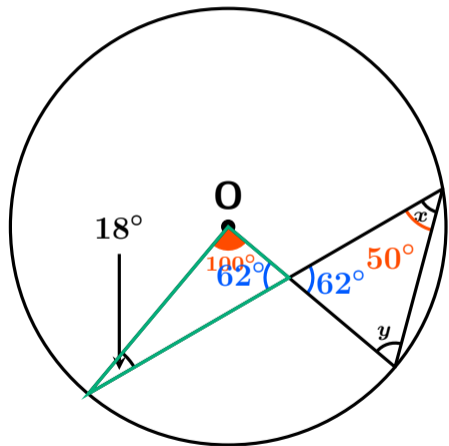


角度は何度？



$$y + 50 + 62 = 180$$

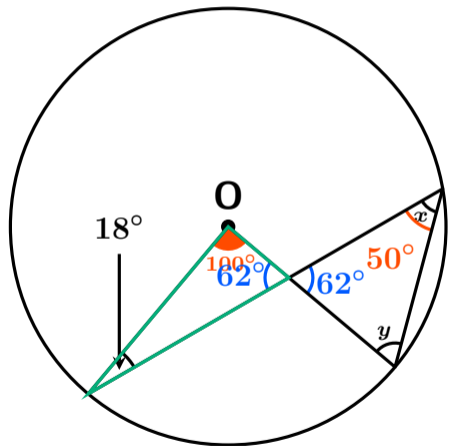
角度は何度？



$$y + 50 + 62 = 180$$

$$y + 112 = 180$$

角度は何度？

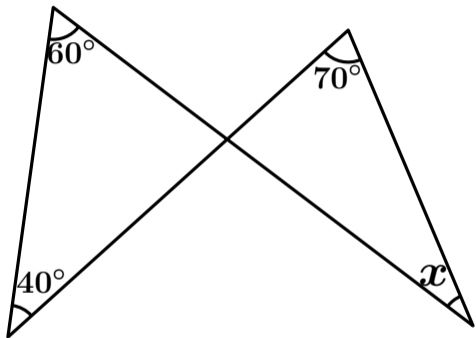


$$y + 50 + 62 = 180$$

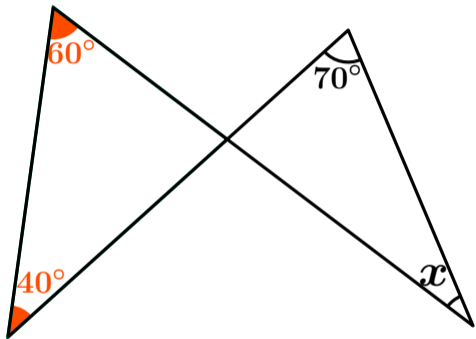
$$y + 112 = 180$$

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

角度は何度？

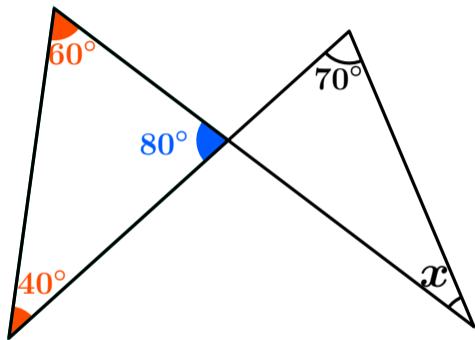


角度は何度？



三角形の内角の和は
 180° なので

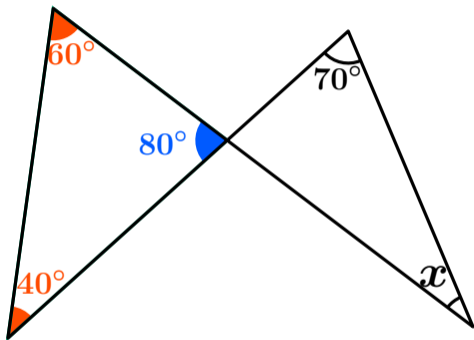
角度は何度？



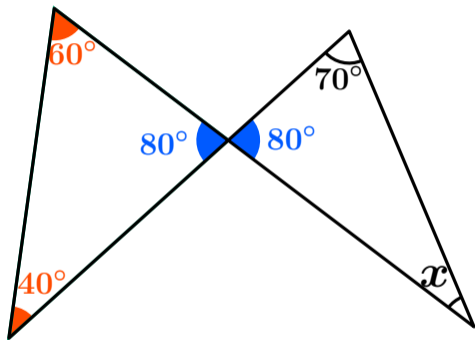
三角形の内角の和は
 180° なので

角度は何度？

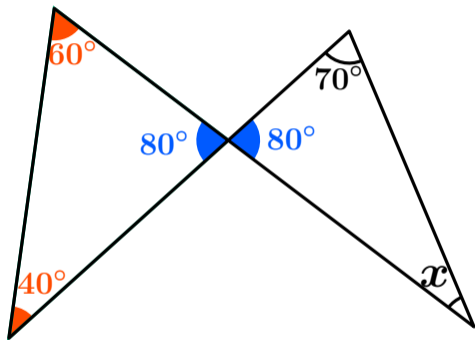
対頂角は等しいので



角度は何度？

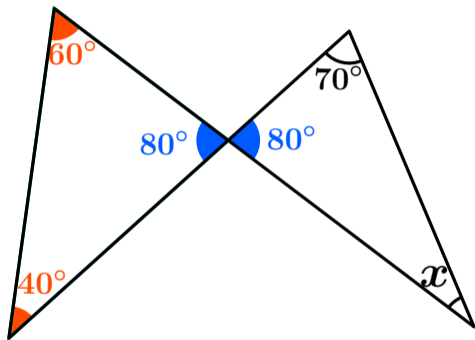


角度は何度？



三角形の内角の和は
 180° なので

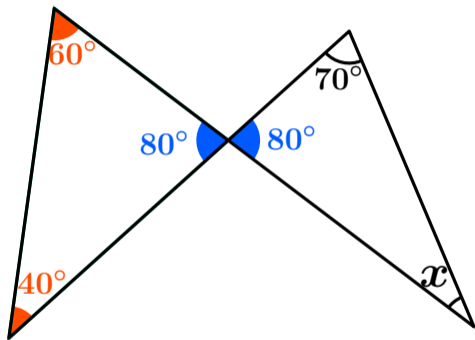
角度は何度？



三角形の内角の和は
 180° なので

$$x + 70 + 80 = 180$$

角度は何度？

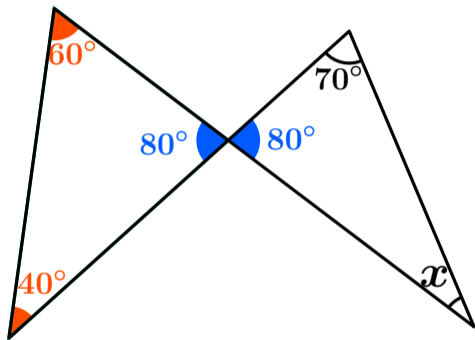


三角形の内角の和は
 180° なので

$$x + 70 + 80 = 180$$

$$x + 150 = 180$$

角度は何度？



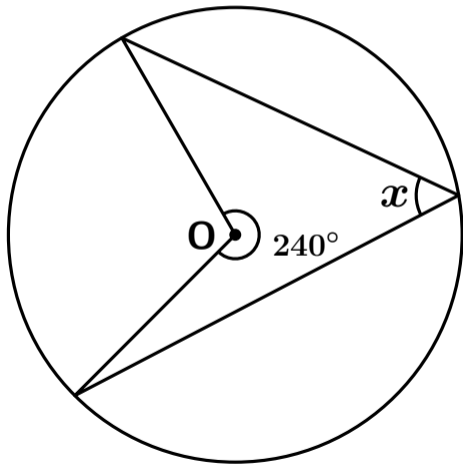
三角形の内角の和は
 180° なので

$$x + 70 + 80 = 180$$

$$x + 150 = 180$$

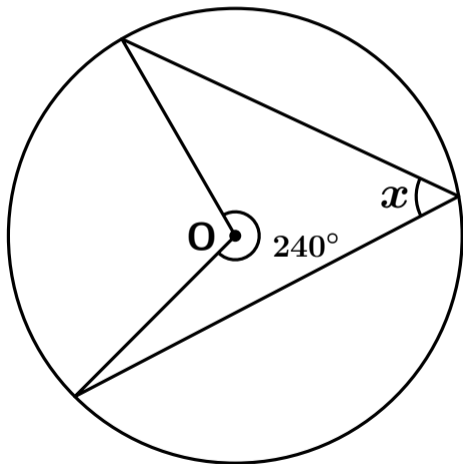
$$x = 30^\circ \quad \boxed{\text{答}}$$

角度は何度？



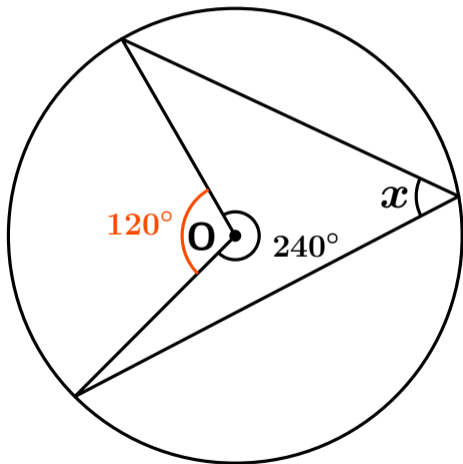
角度は何度？

一周は 360° なので



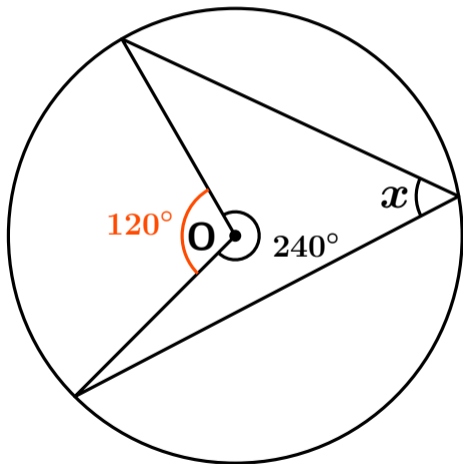
角度は何度？

一周は 360° 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

