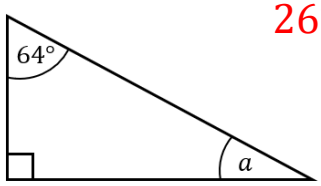
Circle Theorems and Triangles

(a)

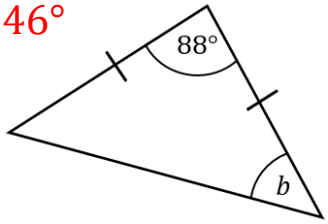
Find the missing angle a.



$26°$

(b)

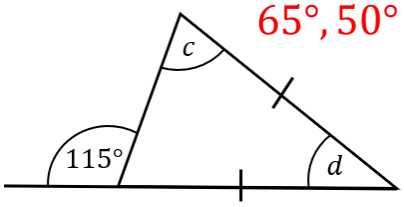
Find the missing angle b.



$46°$

(c)

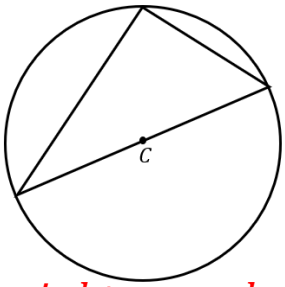
Find the missing angles c and d.



$65°, 50°$

(d)

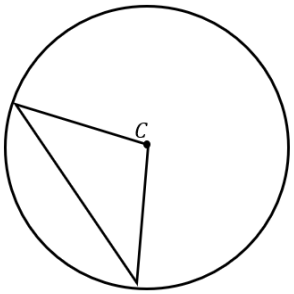
What type of triangle is inside the circle?



$right-angled$

(e)

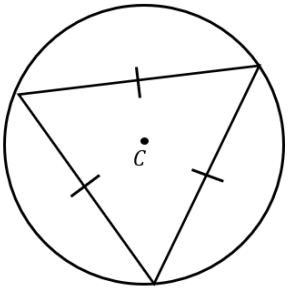
What type of triangle is inside the circle?



$isosceles$

(f)

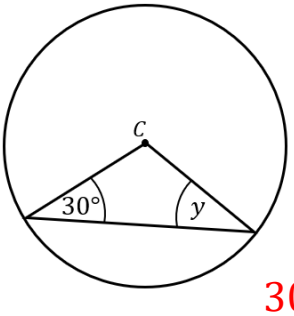
What type of triangle is inside the circle?



$equilateral$

(g)

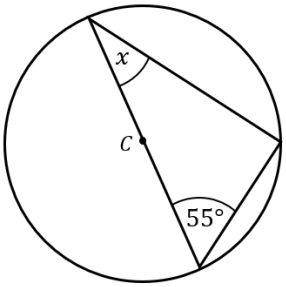
Find the missing angle y.



$30°$

(h)

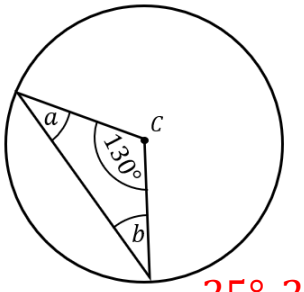
Find the missing angle x.



$35°$

(i)

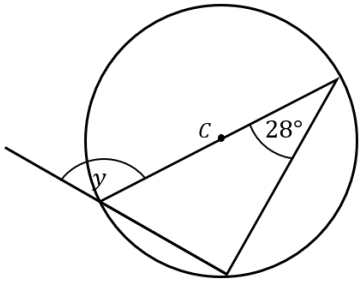
Find the missing angles a and b.



$25°, 25°$

(j)

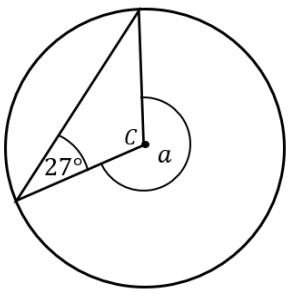
Find the missing angle y.



$118°$

(k)

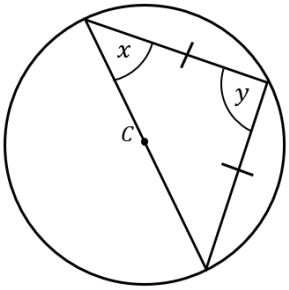
Find the missing angle a.



$234°$

(l)

Find the missing angles x and y.



$45°, 90°$