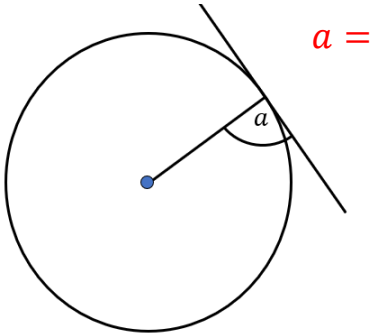
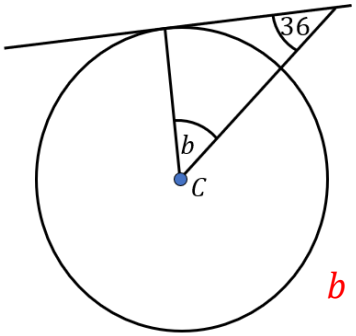
Circle Theorems and Tangents

(a)



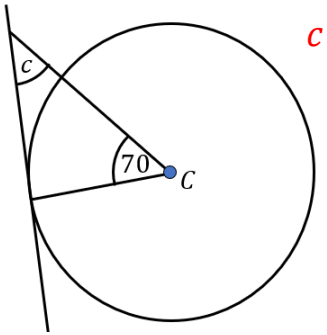
$a = 90°$

(b)



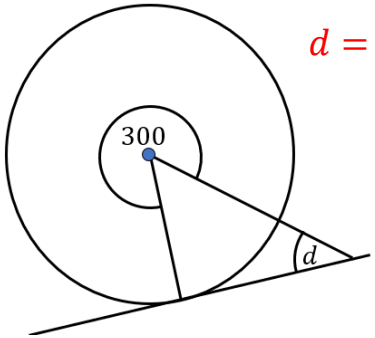
$b = 54°$

(c)



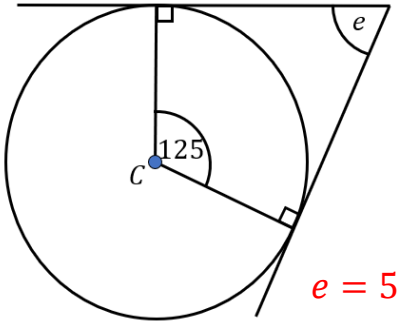
$c = 20°$

(d)



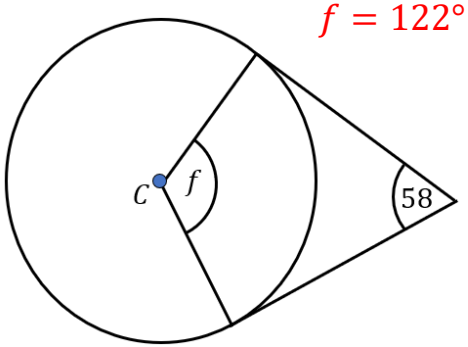
$d = 30°$

(e)



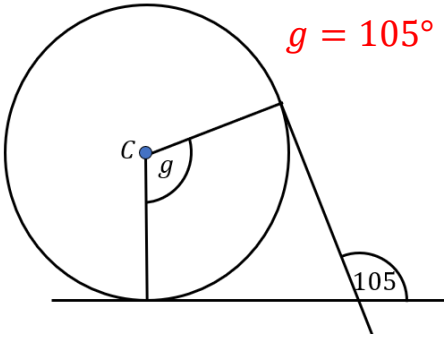
$e = 55°$

(f)



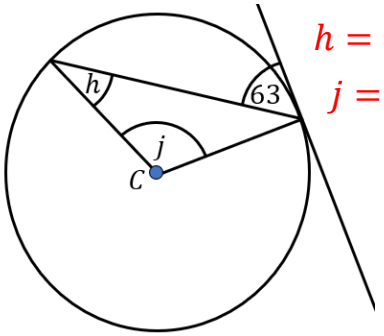
$f = 122°$

(g)



$g = 105°$

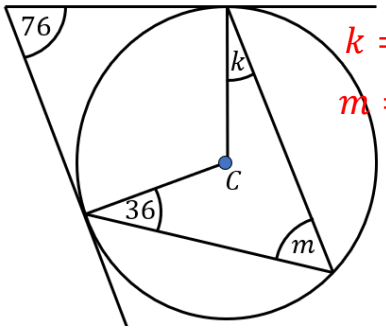
(h)



$h = 27°$

$j = 126°$

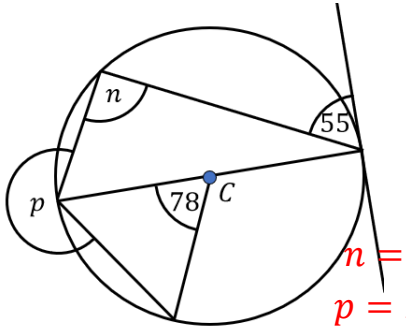
(i)



$k = 16°$

$m = 52°$

(j)

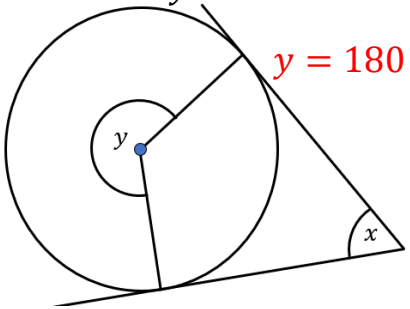


$n = 90°$

$p = 254°$

(k)

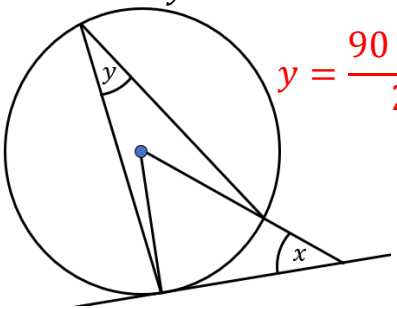
Find y in terms of x



$y = 180 + x$

(l)

Find y in terms of x



$y = \frac{90 - x}{2}$