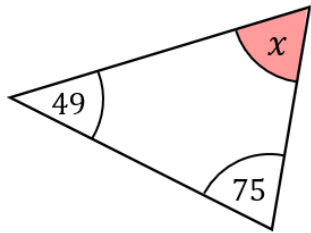


## Angles in Triangles and Quadrilaterals

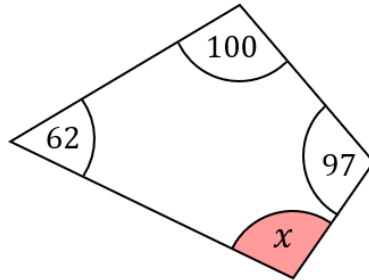
Find the value of  $x$  in each of these diagrams, stating any angle rules you use.

**(a)**



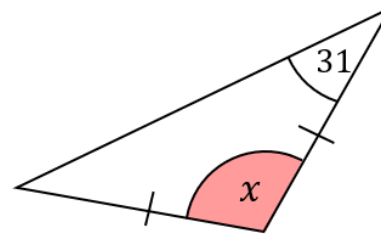
$56^\circ$

**(b)**



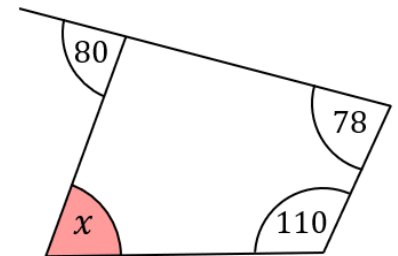
$101^\circ$

**(c)**



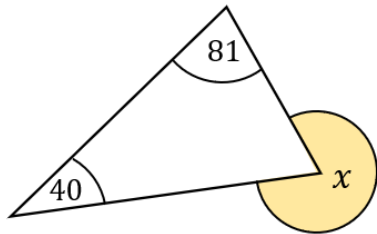
$118^\circ$

**(d)**



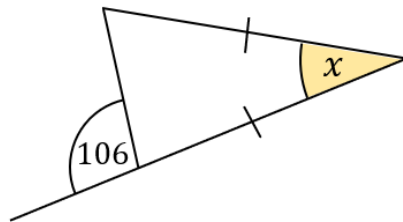
$72^\circ$

**(e)**



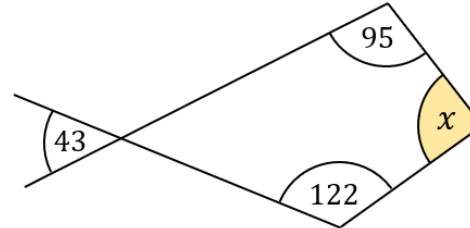
$301^\circ$

**(f)**



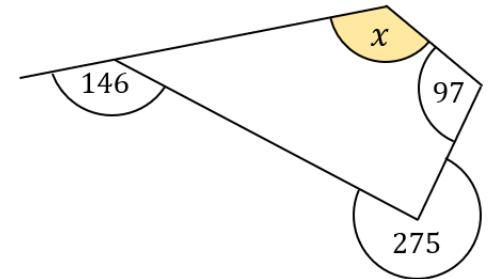
$32^\circ$

**(g)**



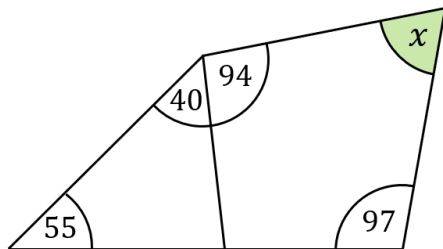
$100^\circ$

**(h)**



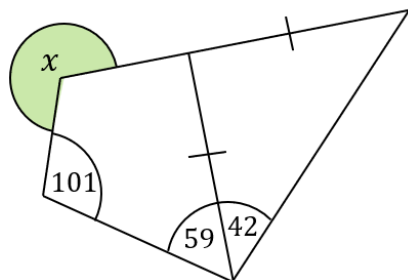
$144^\circ$

**(i)**



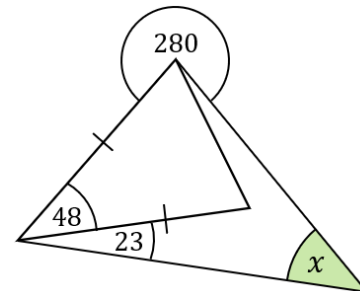
$74^\circ$

**(j)**



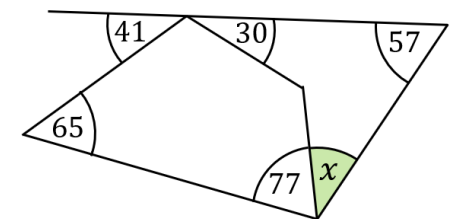
$244^\circ$

**(k)**



$29^\circ$

**(l)**



$22^\circ$