

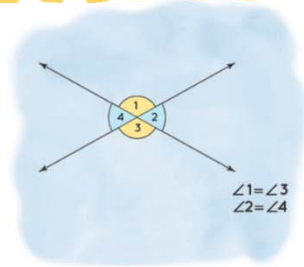
Name :

Class :



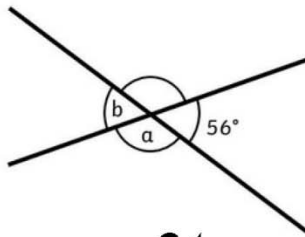
Vertical Angles

The angles that lie opposite to each other when two lines intersect



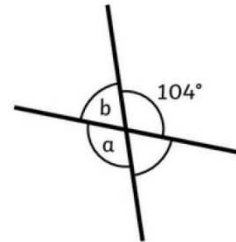
Find the values of a , b , c and d .

1)



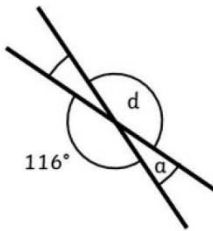
$a = 24^\circ$ $b = 56^\circ$

2)



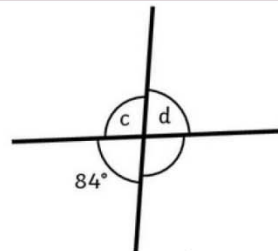
$b = 104^\circ$ $c = 76^\circ$

3)



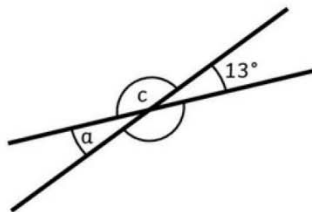
$a = 64^\circ$ $d = 116^\circ$

4)



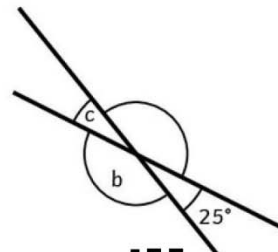
$c = 96^\circ$ $d = 84^\circ$

5)



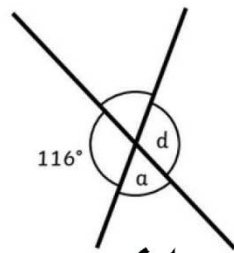
$a = 13^\circ$ $b = 167^\circ$

6)



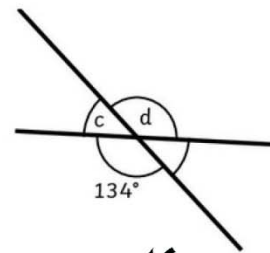
$b = 155^\circ$ $c = 25^\circ$

7)



$a = 64^\circ$ $d = 116^\circ$

8)



$c = 46^\circ$ $d = 134^\circ$