

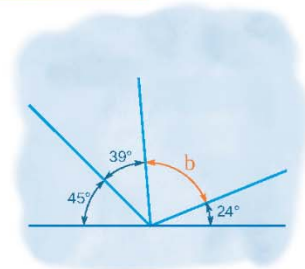
Name :

Class :

## Angles on a Straight Line



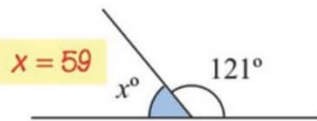
Angles on a straight line relate to the sum of angles that can be arranged together so that they form a straight line



Find the value of  $X$  in each problem.

1)

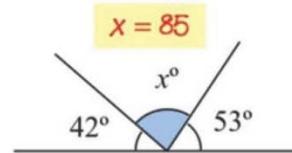
Find the value  $x$



$x = 59$

2)

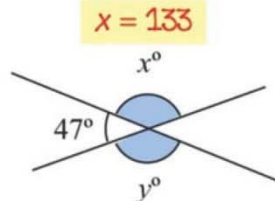
Find the value  $x$



$x = 85$

3)

Find the values of  $x$  and  $y$



$x = 133$

$y = 133$

4)

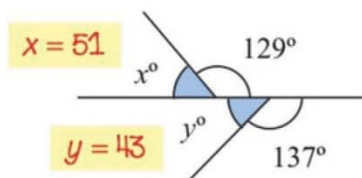
Four angles measure  $53^\circ$ ,  $61^\circ$ ,  $56^\circ$  and  $71^\circ$ .

Which **three** can be put together to form a straight line?

$53^\circ, 56^\circ$  and  $71^\circ$

5)

Find the values of  $x$  and  $y$

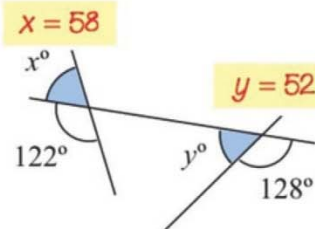


$x = 51$

$y = 43$

6)

Find the values of  $x$  and  $y$



$x = 58$

$y = 52$