



# FIRST STEPS

## ANGLE

### ANGLES WITHIN PARALLEL LINES

## NO PROTRACTOR

Ref: G421. **3F1**

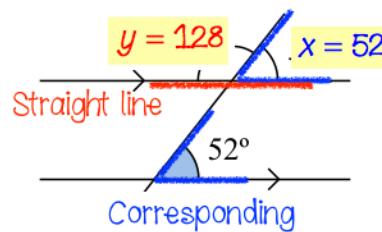
<b>A1</b> Find the values of $x$ and $y$	<b>A2</b> Find the values of $x$ and $y$	<b>A3</b> Find the values of $x$ and $y$	<b>A4</b> Find the values of $x$ and $y$
<b>B1</b> Find the values of $x$ and $y$	<b>B2</b> Find the values of $x$ and $y$	<b>B3</b> Find the values of $x$ , $y$ and $z$	<b>B4</b> Find the values of $x$ , $y$ and $z$
<b>C1</b> Find the values of $x$ and $y$	<b>C2</b> Find the values of $x$ and $y$	<b>C3</b> Find the values of $x$ , $y$ and $z$	<b>C4</b> Find the value of $x$



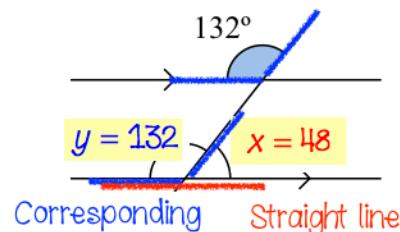
# FIRST STEPS

Start each question by looking for corresponding, alternate or co-interior angles

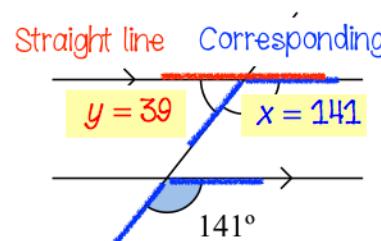
**A1** Find the values of  $x$  and  $y$



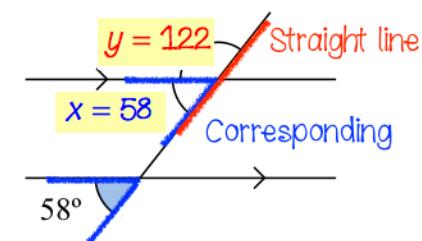
**A2** Find the values of  $x$  and  $y$



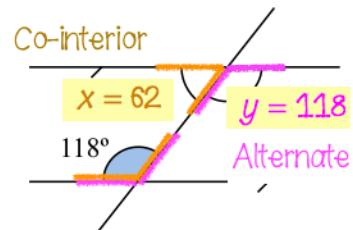
**A3** Find the values of  $x$  and  $y$



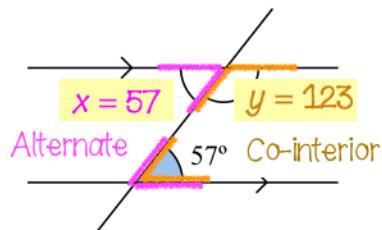
**A4** Find the values of  $x$  and  $y$



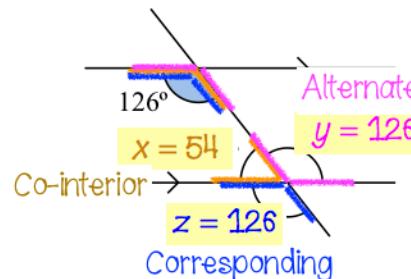
**B1** Find the values of  $x$  and  $y$



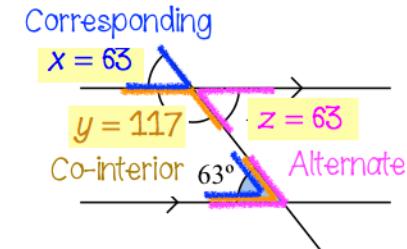
**B2** Find the values of  $x$  and  $y$



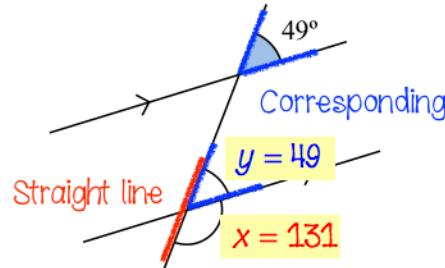
**B3** Find the values of  $x$ ,  $y$  and  $z$



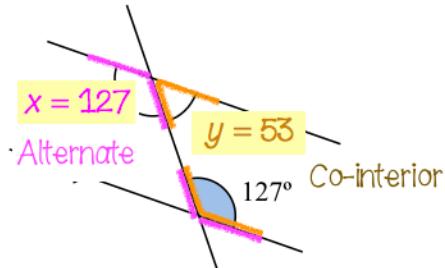
**B4** Find the values of  $x$ ,  $y$  and  $z$



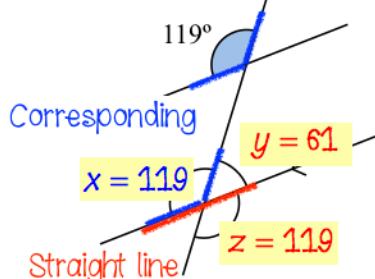
**C1** Find the values of  $x$  and  $y$



**C2** Find the values of  $x$  and  $y$



**C3** Find the values of  $x$ ,  $y$  and  $z$



**C4** Find the value of  $x$

