

ANGLES WHICH FORM A STRAIGHT LINE



ANGLE

NO PROTRACTOR

Ref: G421. 1**S1**

A1 Find the value x x° 121°	A2 Find the value x $ \begin{array}{c} x^{\circ} \\ 42^{\circ} \end{array} $ 53°	A3 Find the value x 41° x°	A4 Three angles measure 77°, 41° and 52°. Do they form a straight line? Explain your answer.
B1 Find the values of x and y $ \begin{array}{c} x^{\circ} \\ 47^{\circ} \\ y^{\circ} \end{array} $	B2 Four angles measure 53°, 61°, 56° and 71°. Which three can be put together to form a straight line?	B3 Find the values of x and y y° 143°	B4 Find the values of x and y $126^{\circ} \qquad x^{\circ} \qquad 112^{\circ}$ y°
C1 Find the values of x and y $ \begin{array}{c} x^{\circ} & 129^{\circ} \\ \hline & y^{\circ} & 137^{\circ} \end{array} $	C2 Find the values of x and y 122° 128°	C3 Find the values of x and y $ \begin{array}{c} x^{\circ} \\ 71^{\circ} \end{array} $	C4 Find the values of x and y $ \begin{array}{c} x^{\circ} \\ 49^{\circ} \end{array} $



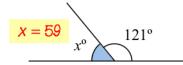
ANGLE

NO PROTRACTOR

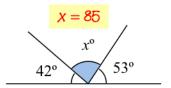
Ref: G421. 1**S1**

ANGLES WHICH FORM A STRAIGHT LINE

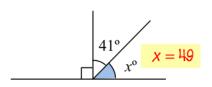
A1 Find the value x



A2 Find the value x



A3 Find the value x



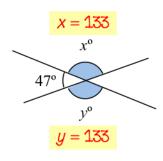
A4 Three angles measure 77°, 41° and 52°.

Do they form a straight line? Explain your answer.

$$77 + 41 + 52 = 170$$

The angles don't add to 180, so they don't form a straight line.

B1 Find the values of x and y

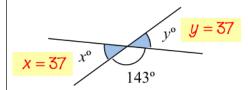


B2 Four angles measure 53°, 61°, 56° and 71°.

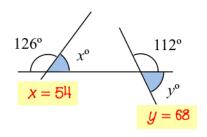
Which **three** can be put together to form a straight line?

53°,56° and 71°

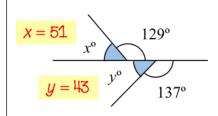
B3 Find the values of x and y



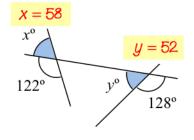
B4 Find the values of x and y



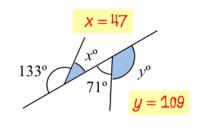
C1 Find the values of x and y



C2 Find the values of x and y



C3 Find the values of x and y



C4 Find the values of x and y

