

10th April

Foundation Plus 5-a-day



Corbettmaths

Factorise $y^2 + 14y + 48$

$$(y+6)(y+8)$$

Factorise $9y^2 - 1$

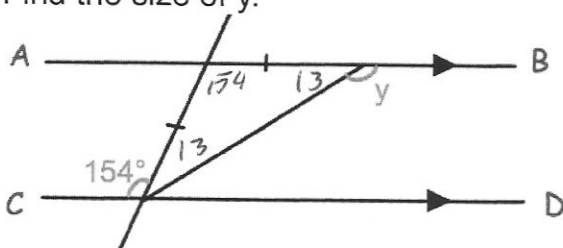
$$(3y-1)(3y+1)$$

Express as a single power of y .

$$(y^5 \times y^6)^2 \quad (y^{11})^2$$

$$y^{22}$$

Find the size of y .



$$180 - 154 = 26^\circ$$

$$26 \div 2 = 13^\circ$$

$$180 - 13 = 167^\circ$$

Write down the gradient of the line with equation $y = 3x - 4$

3

Write down the gradient of the line with equation $x + y = 8$

$$y = -x + 8$$

-1

The population of the United Kingdom in 1950 was 5.06×10^7
 The population of the United Kingdom in 2010 was 6.79×10^7

Work out how many more people live in the United Kingdom in 2020 than in 1950.

$$\begin{array}{r} 67900000 \\ - 50600000 \\ \hline 17300000 \end{array}$$