

16th Dec



Corbettmaths

Simplify

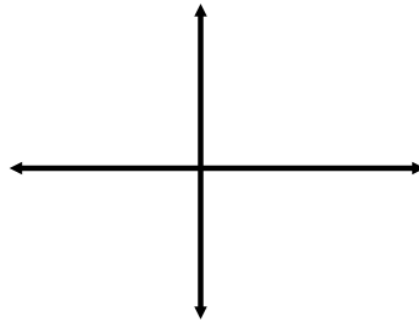
$$\left(\frac{5}{3}\right)^{-2}$$

A line L1 is parallel to the line  
 $4x + 5y + 2 = 0$  and passes through  
the point  $(-2, 4)$

Find the equation of L1

Sketch

$$y = \frac{-1}{x}$$



For the arithmetic series  
 $2 + 9 + 16 + 23 + \dots$

which term in the series is the first  
to be greater than 500?

Solve

$$\begin{aligned}x &= y + 3 \\x^2 - 3y &= 9\end{aligned}$$