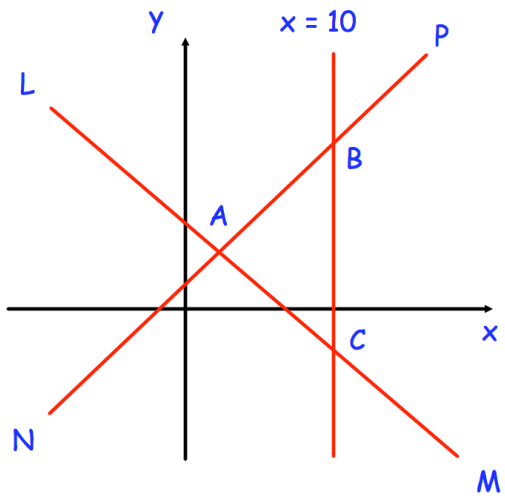
Name: _____ 5-a-day Further Maths

1st June

Corbettmaths

Make y the subject of $\frac{x-4y}{y+2x}=p$

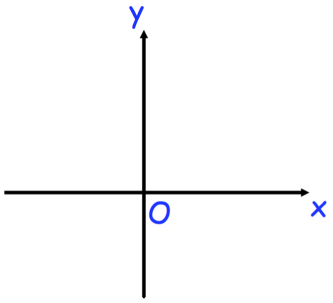


The lines LM and NP are perpendicular
The line NP has equation $y-3x=2$
A is the point with coordinates $(0.9, 4.7)$

Find the area of triangle ABC.

Sketch the graph of $y=80\times 2^{-x}$

Label the coordinates of any points of intersection with the coordinate axes.



$y=6x^2-5x+2$

Find the value of $\frac{dy}{dx}$ when $x=-4$