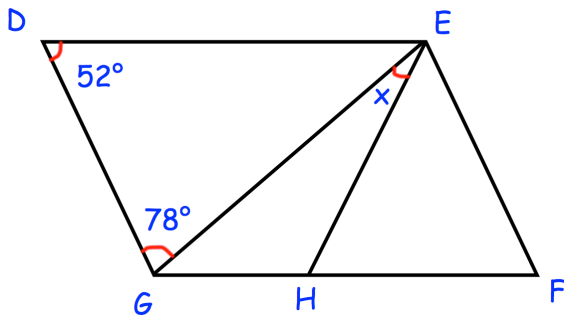


25th August



Corbettmaths



DEFG is a parallelogram  
EH = EF

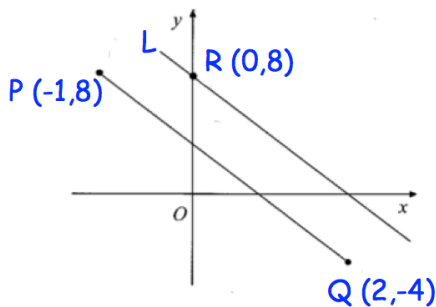
Find x

Factorise

$$x^2 - y^2$$

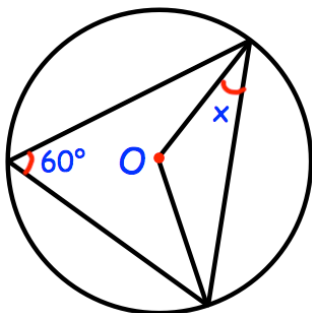
Factorise

$$2x^2 + 17x + 21$$



Line L and PQ are parallel.

Find the equation of L.



Find x

A radioactive substance decays with time.  
The mass of the substance reduces by 8% each year.

How many years will it take for 400kg of the substance to decay to a mass of less than 20kg?