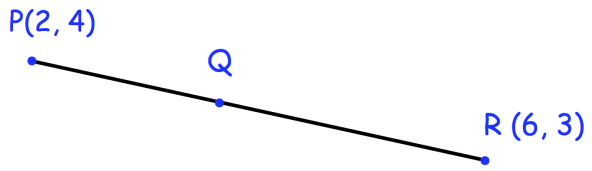
25th June

Corbettmaths

Make h the subject of $\sqrt{\frac{2r+h}{9rh}} = V$



PQR is a straight line.
QR is 50% longer than PQ

Work out the coordinates of Q.

Prove $sin^2x - cos^2x \equiv 1 - 2cos^2x$

A circle has equation

$x^2 + y^2 - 6x + 10y - 2 = 0$

Write the equation of the circle in the form

$(x - a)^2 + (y - b)^2 = r^2$

Write down the coordinates of the point on C that is the furthest from the y-axis.