

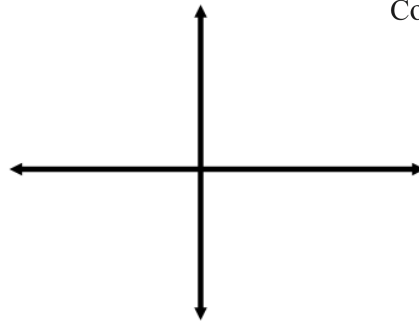
19th Dec



Corbettmaths

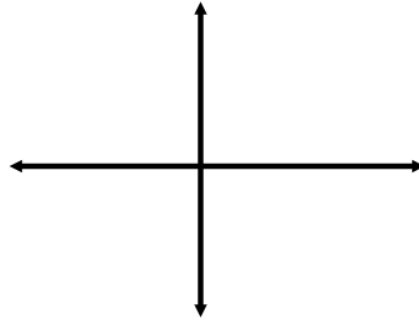
Sketch

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



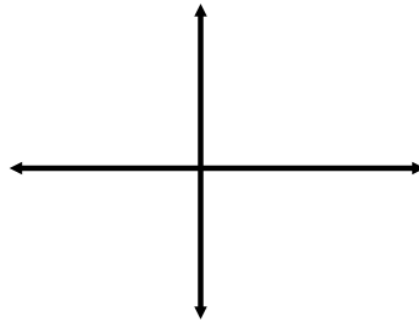
Sketch

$$y = \frac{1}{x} + 2$$



Sketch

$$y = \frac{1}{x+2}$$



Find

$$\int (x-4)^3 dx$$

A curve has equation $y = x^2 - 4x + 9$
A line has equation $y = 12 - 2x$

Find the points of intersection