

27th Jan



Corbettmaths

Calculate the sum of the first 50 odd numbers

Find the gradient of the curve

$$y = x^{\frac{3}{2}}$$

at the point where  $x = 9$

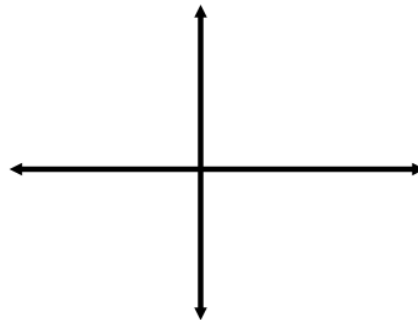
The line L has equation  $y = 8 - 3x$

Show the point  $P(4, -4)$  lies on L

Find the equation of the line perpendicular to L and passes through  $(3, 10)$

Sketch and state the equations of the asymptotes.

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



Sketch and state the equations of the asymptotes.

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

