

5th April



Corbettmaths

Given

$$32 = 4^n$$

Write down the value of n

Solve

$$2x + y = 7$$

$$xy = 6$$

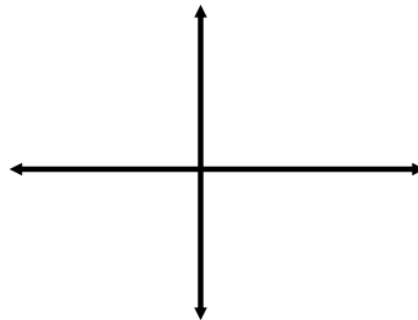
$$f(x) = 2x^2 - 8x + 1$$

Find the equation of the line of symmetry of the curve  $y = f(x)$ 

Sketch

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

Find the coordinates of any points of intersection with the axes and state the equations of the asymptotes



$$f(x) = \frac{(x+1)^3}{2x^{1/3}}$$

Find  $f'(x)$