

28th Dec



Corbettmaths

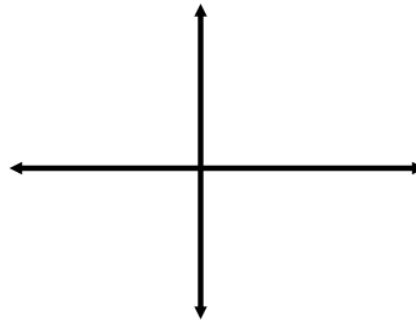
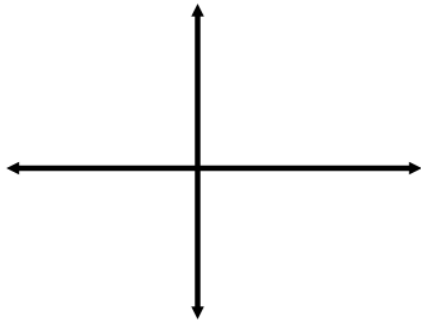
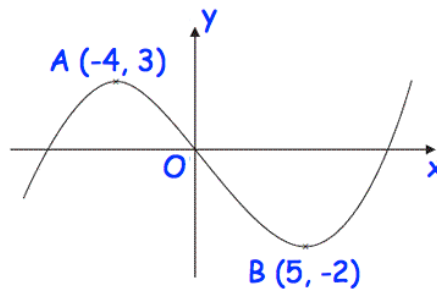
Given

$$10000 = 100^n$$

write down the value of n.

Shown is the graph of the function  
 $y = f(x)$ 

Sketch

(a)  $f(-x)$ (b)  $f(\frac{1}{2}x)$ 

Solve the inequality

$$x^2 + 3x - 18 > 0$$

Solve

$$-8 - \frac{10}{x^2} + \frac{3}{x^4} = 0$$