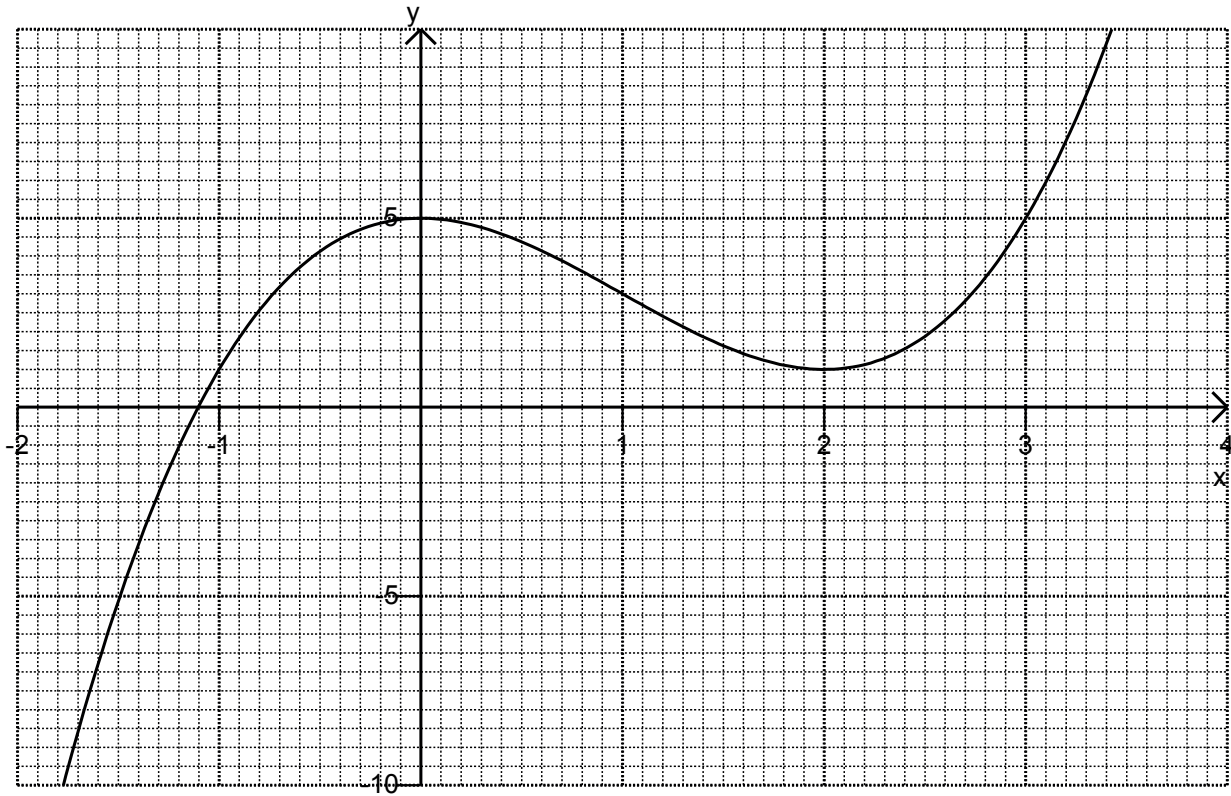


## Using graphs to solve equations – 2



1) Above is the graph of the equation  $y = x^3 - 3x^2 + 5$

By drawing suitable straight lines on the graph, find the solutions of the following equations.  
Give your answers to 1 decimal place.

(a)  $x^3 - 3x^2 + 1 = 0$  \_\_\_\_\_

(b)  $x^3 - 3x^2 - x + 2 = 0$  \_\_\_\_\_

(c)  $x^3 - 3x^2 - 2 = 0$  \_\_\_\_\_

(d)  $x^3 - 3x^2 - 2x + 6 = 0$  \_\_\_\_\_