Section C

Draw the graph $x = y^2 + 3y - 4$.
Use this to solve the equation $-2y - 3 = y^2 + y - 7$

Section D

Using Omnigraph, find out where the line $y = x + 2$ meets the circle with centre (0, 0) and radius 2.

Hint: To find out the equation of a circle, think about a point (x, y) on the circumference and think about its horizontal and vertical distance from (0, 0).

Where does the line $y = x + 4$ meet the circle with centre (1, 2) and radius 3?

What is the equation of a circle with radius r and centre (a, b)?