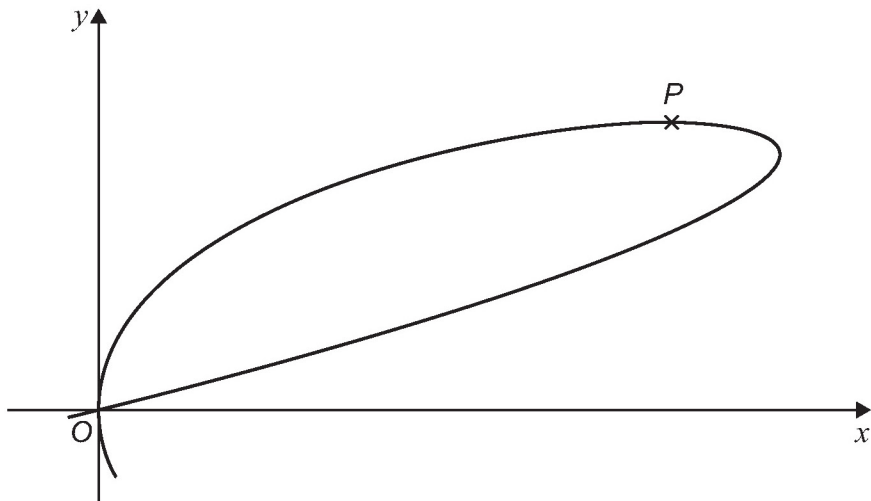


15 The curve with equation

$$x^2 + 2y^3 - 4xy = 0$$

has a single stationary point at P as shown in the diagram below.



15 (a) Show that the y -coordinate of P satisfies the equation

$$y^2(y - 2) = 0$$

[7 marks]

15 (b) Hence, find the coordinates of P

[2 marks]