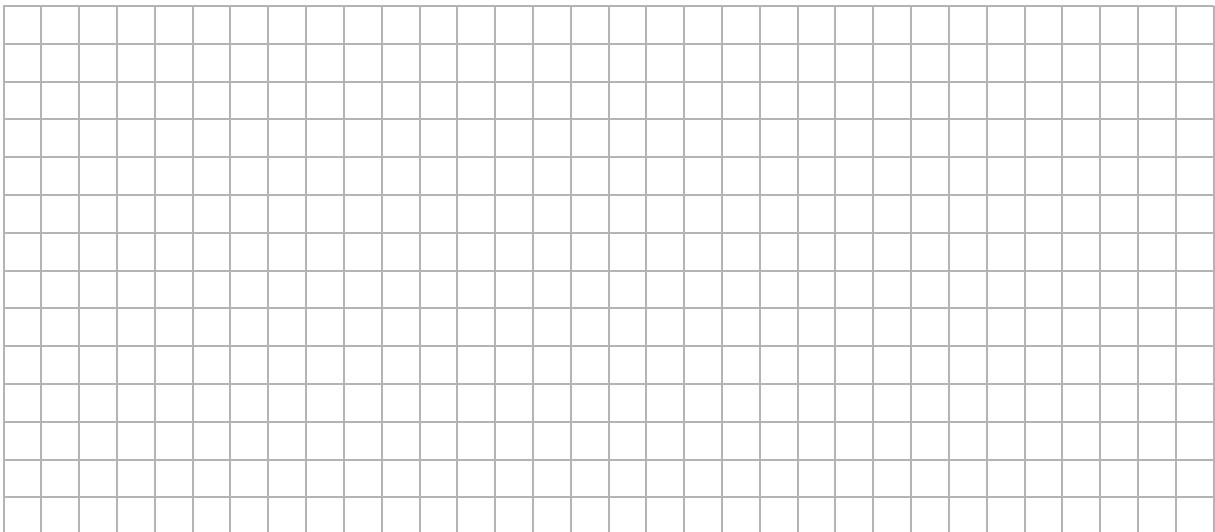**Question 3** (25 marks)

(a) Solve the equation $2x^2 - 7x - 3 = 0$. Give each answer correct to 2 decimal places.

(b) Solve the simultaneous equations below to find the value of a and the value of b.

$$2a + 3b = 15$$
$$5a + b = -8$$