

2a)

$$\begin{cases} -x + ay + x^2y = 0 & (I) \\ b - ay - x^2y = 0 & (II) \end{cases}$$

+

$$-x + b = 0$$

$$\boxed{x = b}$$

$$(I) \quad b^2y + ay - b = 0$$

$$y(b^2 + a) = b$$

$$\boxed{y = \frac{b}{b^2 + a}}$$

b)

$$b = y(b^2 + a); \quad b = x$$

$$\boxed{x = b = y(x^2 + a)}$$

$$\boxed{y = \frac{b}{x^2 + a}}$$

$$\underline{y = f(y)}$$

$$x = y(a + x^2)$$

$$x = y(a + x^2)$$

$$y = \frac{b}{x^2 + a}$$

$$x = \frac{b - ay + b}{x^2}$$

$$y = \frac{b - ay}{x^2}$$

↳ move churta