

(1)[5 points] Solve for x :

$$x^2 - 42 = -11x$$

(2)[5 points] Solve for x :

$$\frac{4}{3}x + 1 = \frac{1}{3} - \frac{1}{3}x - x^2$$

(3)[5 points] solve for x :

$$5x^2 - 8x = -13$$