Exercise 1

- a) The equations are equivalent to y=4x-3 and $y=\frac{-x+1}{2}$ respectively and can thus be trivially drawn. They intersect at $x=\frac{7}{9}$.
- b) As determined previously we have

$$4x - 3 = \frac{-x+1}{2}$$
$$8x - 6 = -x+1$$
$$9x = 7$$
$$x = \frac{7}{9}$$

which is expected.

Exercise 2

a)

Somit