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$$f(x) = 2x - 3$$

a)

$$y = 2x - 3$$

$$x = 2y - 3 \quad \text{solve for } y:$$

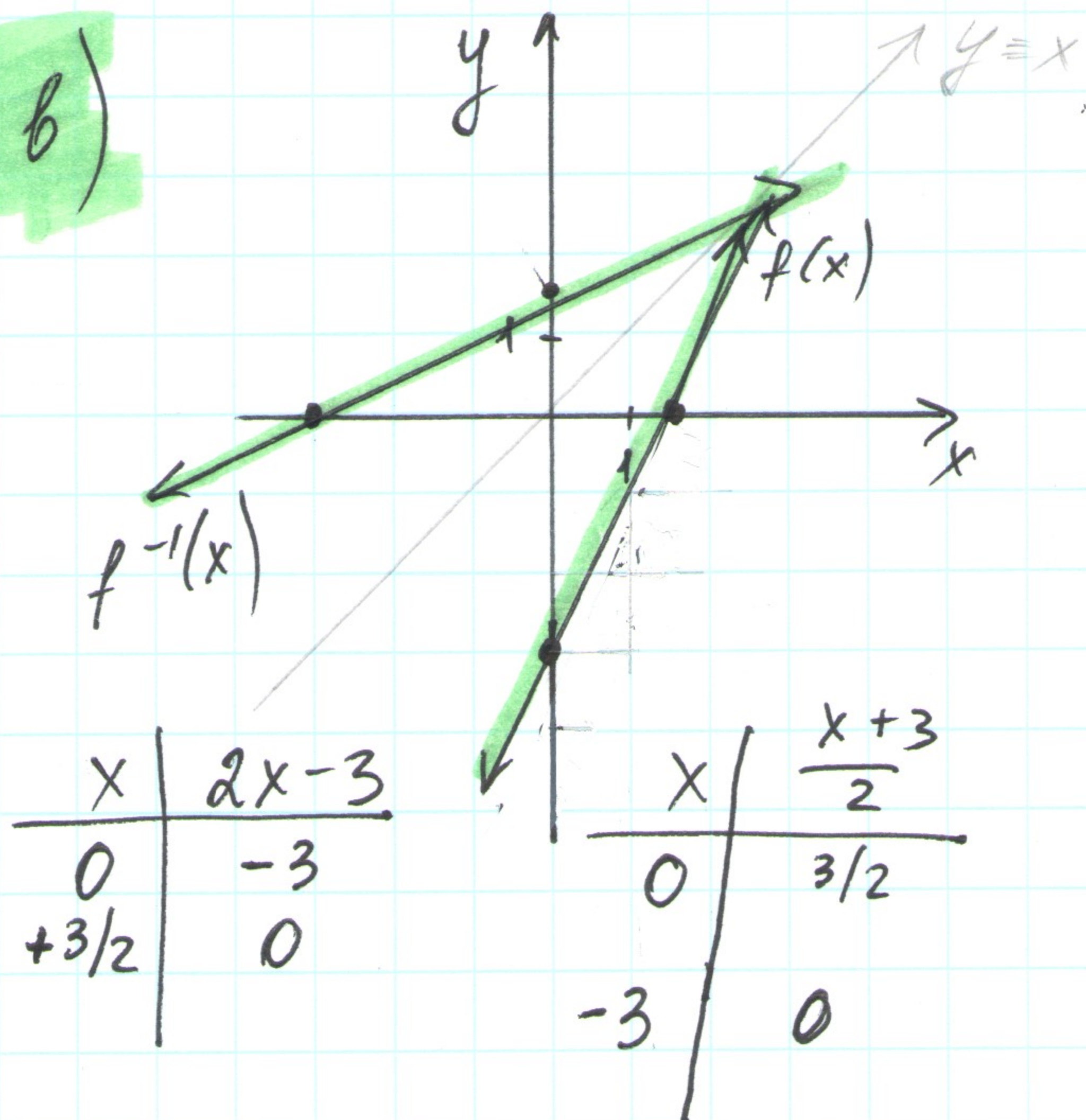
$$\frac{x+3}{2} = \frac{2y}{2}$$

$$y = \frac{x+3}{2}$$

- represents
a function
of x

$$f^{-1}(x) = \frac{x+3}{2}$$

b)



c)

domain of f : \mathbb{R} or $(-\infty, \infty)$

range of f : \mathbb{R} or $(-\infty, \infty)$

domain of f^{-1} : \mathbb{R} or $(-\infty, \infty)$

range of f^{-1} : \mathbb{R} or $(-\infty, \infty)$