

$$f(x) = \frac{x+6}{2} = \frac{1}{2}x + \frac{6}{2} = \frac{1}{2}x + 3$$

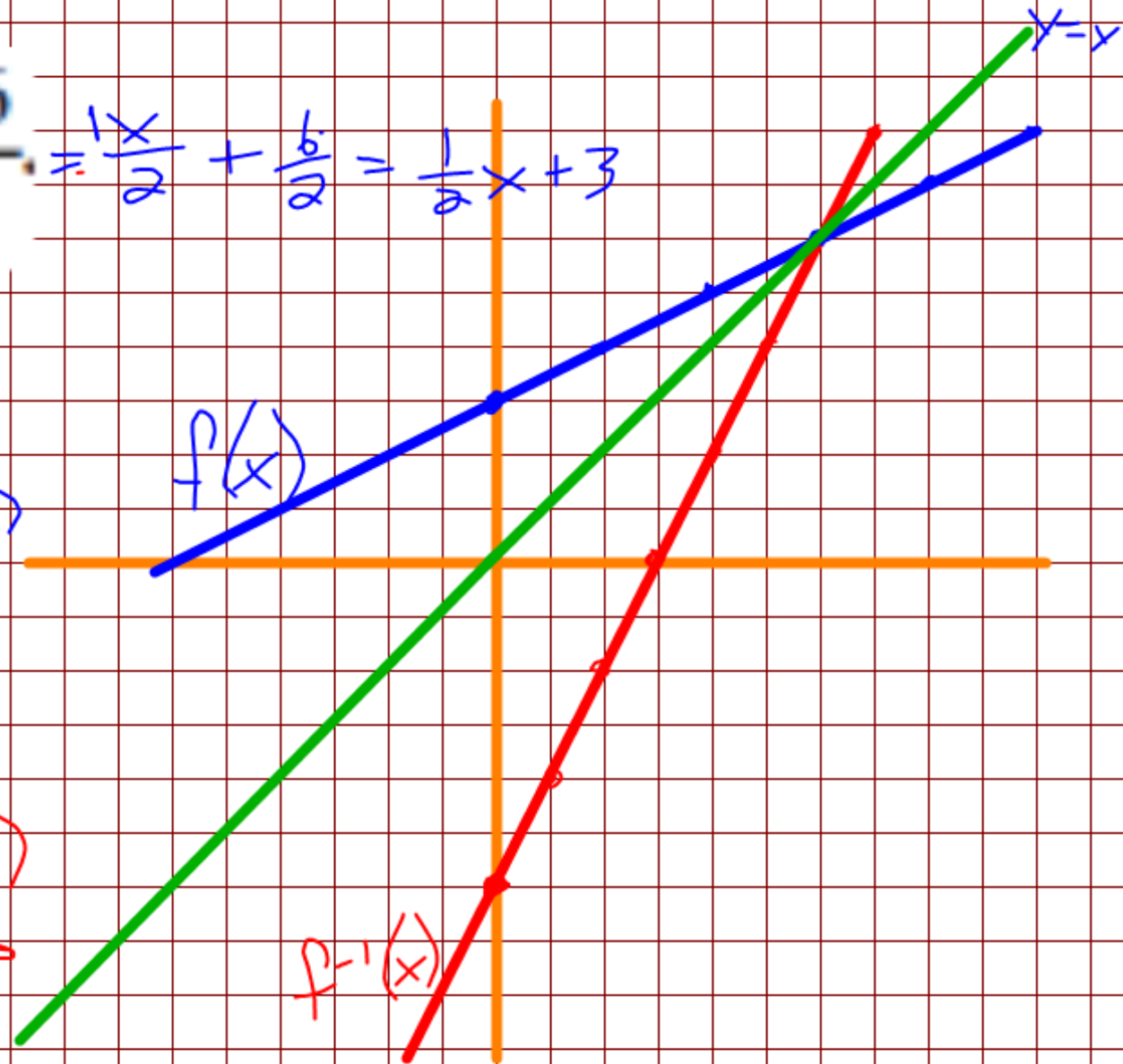
$$y = \frac{x+6}{2}$$

$$(2) \quad x = \frac{y+6}{2} \quad (2)$$

$$2x = y + 6$$

$$2x - 6 = y$$

$$2x - 6 = f^{-1}(x)$$



$$g(x) = 2x + 10$$

$$y = 2x + 10$$

$$x = 2y + 10$$

$$x - 10 = 2y$$

$$\frac{x-10}{2} = y$$

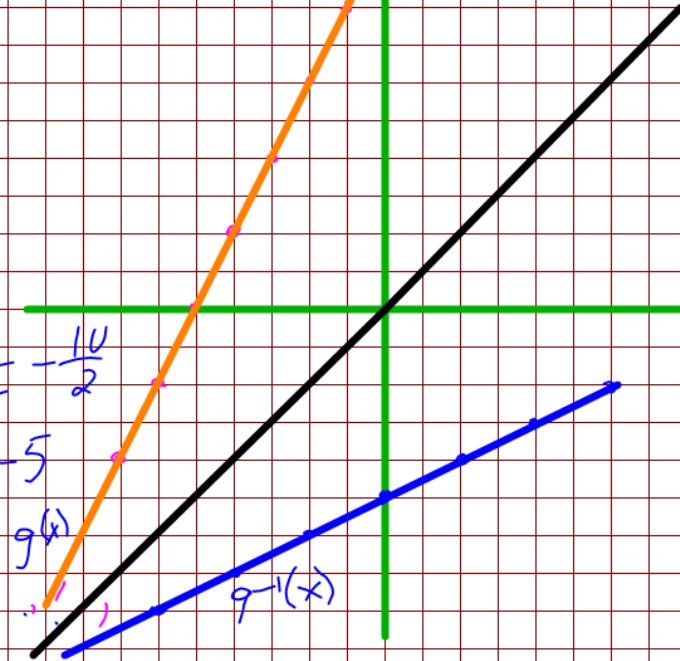
$$\frac{x-10}{2} = g^{-1}(x)$$

$$\frac{x}{2} - \frac{10}{2}$$

$$\frac{1}{2}x - 5$$

$g(x)$

$g^{-1}(x)$



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