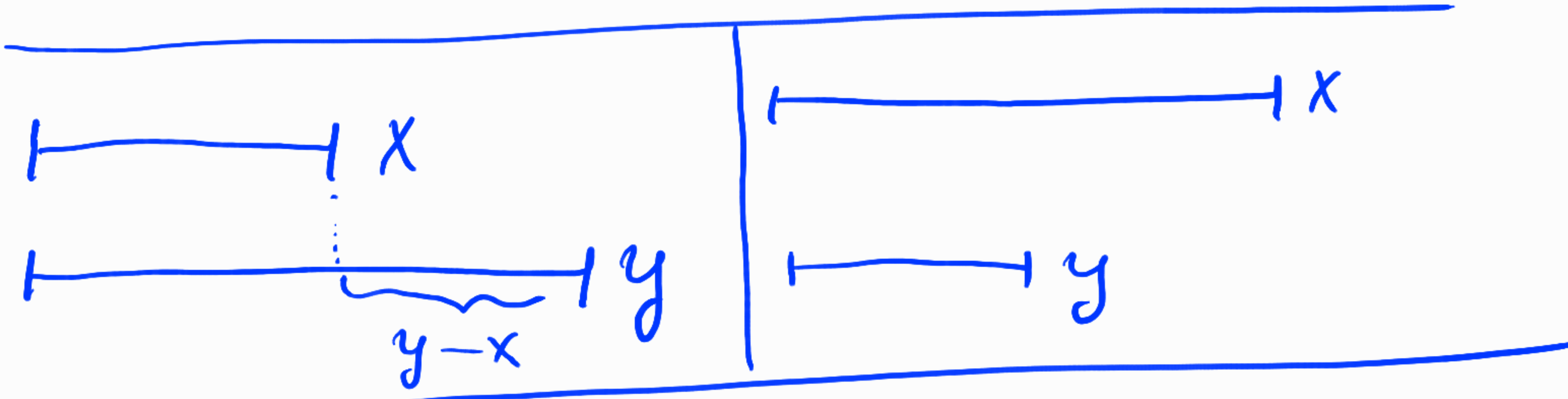
$$\max(x,y) = x + (y \dot{-} x)$$



$$\min(x,y) = y \dot{-} (y \dot{-} x)$$

$$\min(x,y):$$

$$\int_{i \le x+y} \left((x \dot{-} i)(y \dot{-} i) = 0 \right)$$

$$\max(x,y):$$

$$\int_{i \le x+y} \left((x \dot{-} i) + (y \dot{-} i) = 0 \right)$$