

Interpretation geometrische Wkt. bewirkt:

$$|3x - 1| = 2$$

$$3x - 1 = 2$$

$$3x = 3$$

$$x = 1$$

oder

$$3x - 1 = -2$$

$$3x = -1$$

$$x = -\frac{1}{3}$$

oder

oder

$$|4x - 2| = 7$$

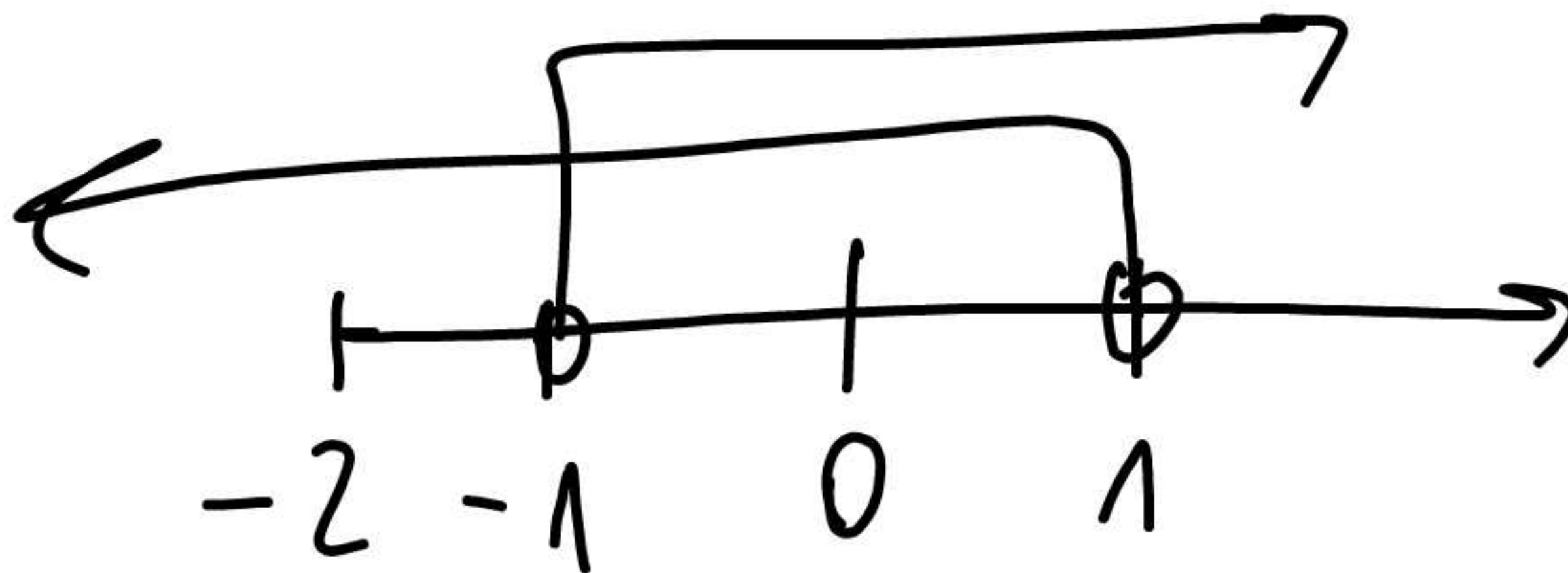
$$4x - 2 = 7 \text{ lub } 4x - 2 = (-7)$$

$$4x = 9 \text{ lub } 4x = (-5)$$

$$x = \frac{9}{4} \text{ lub } x = -\frac{5}{4}$$

$$|x| < 1$$

~~$$|-2| < 1$$~~

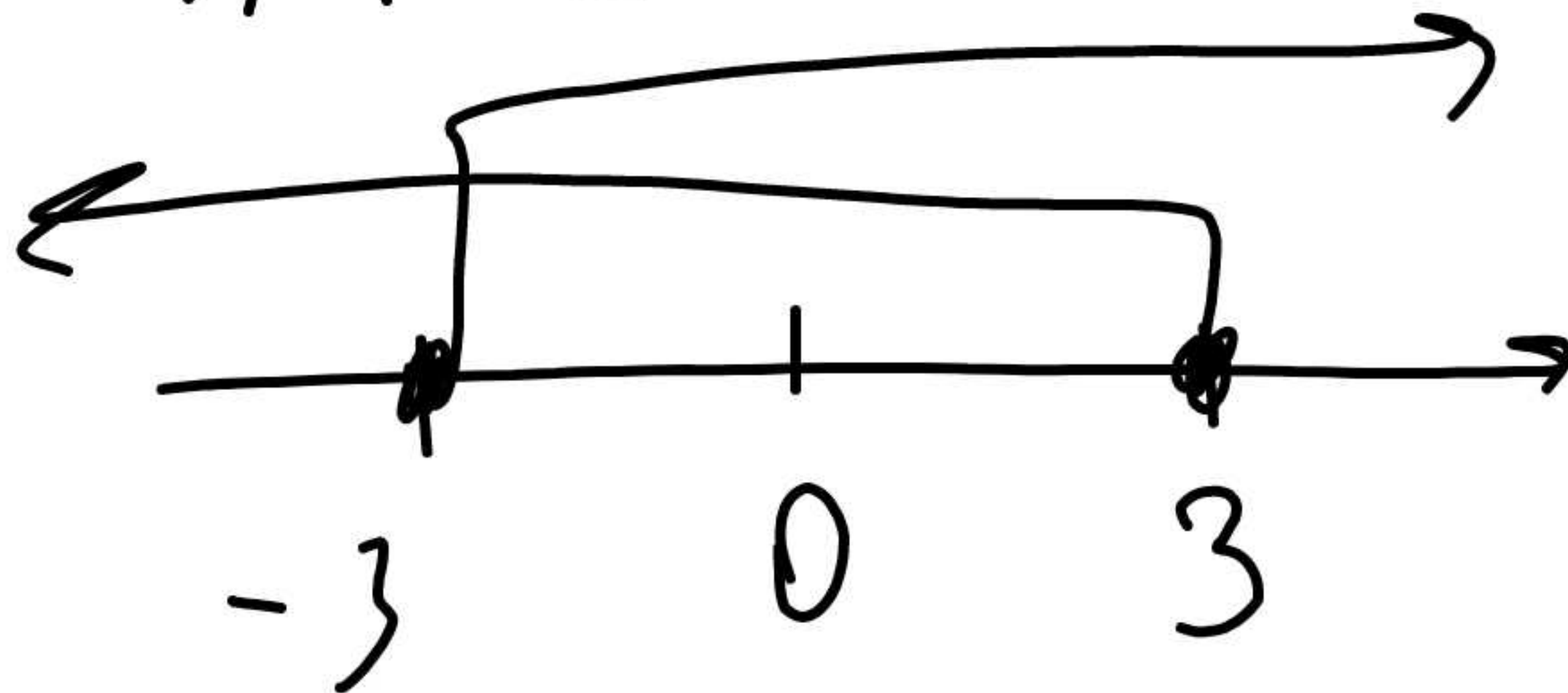


$$x < 1$$

$$x > -1$$

$$1 < 1$$

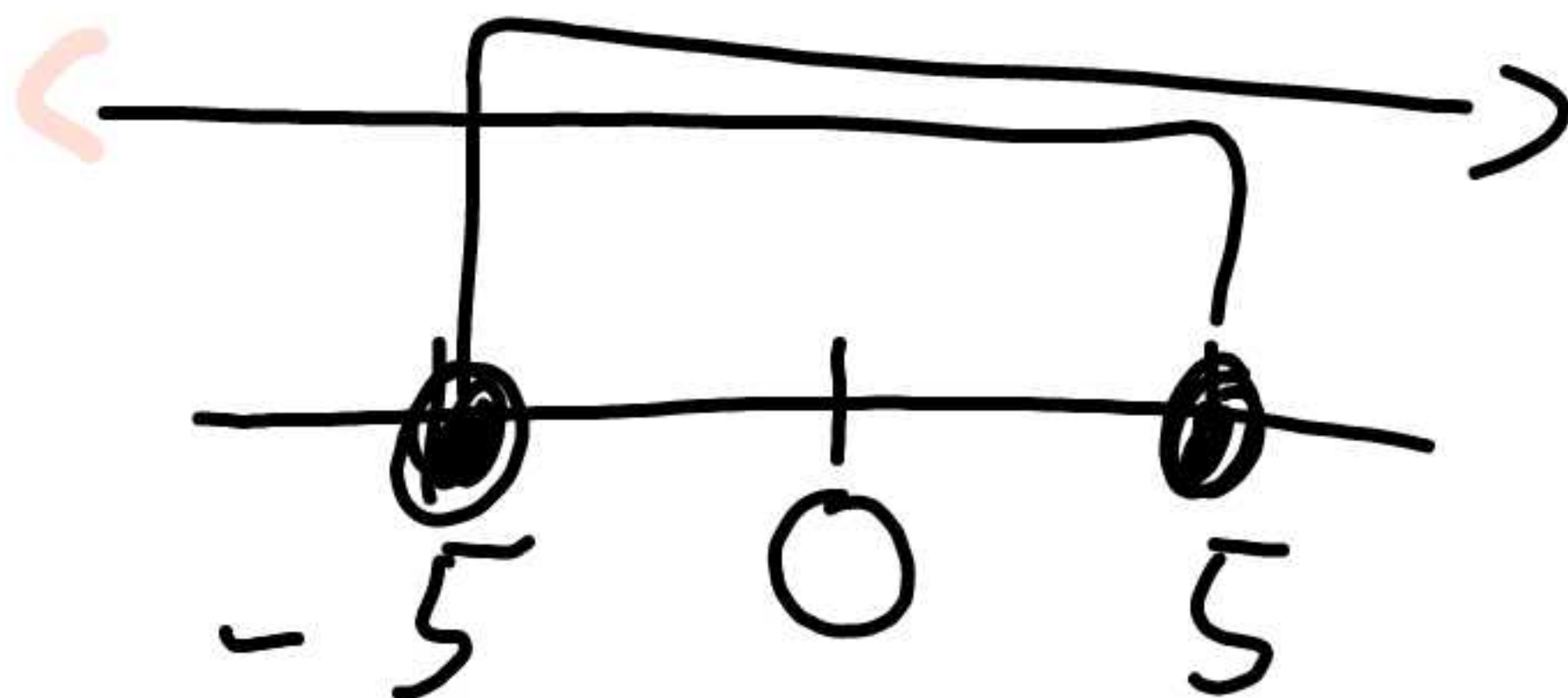
$$|x| \leq 3$$



$$x \leq 3 ; x \geq -3$$

$$3 \leq 3$$

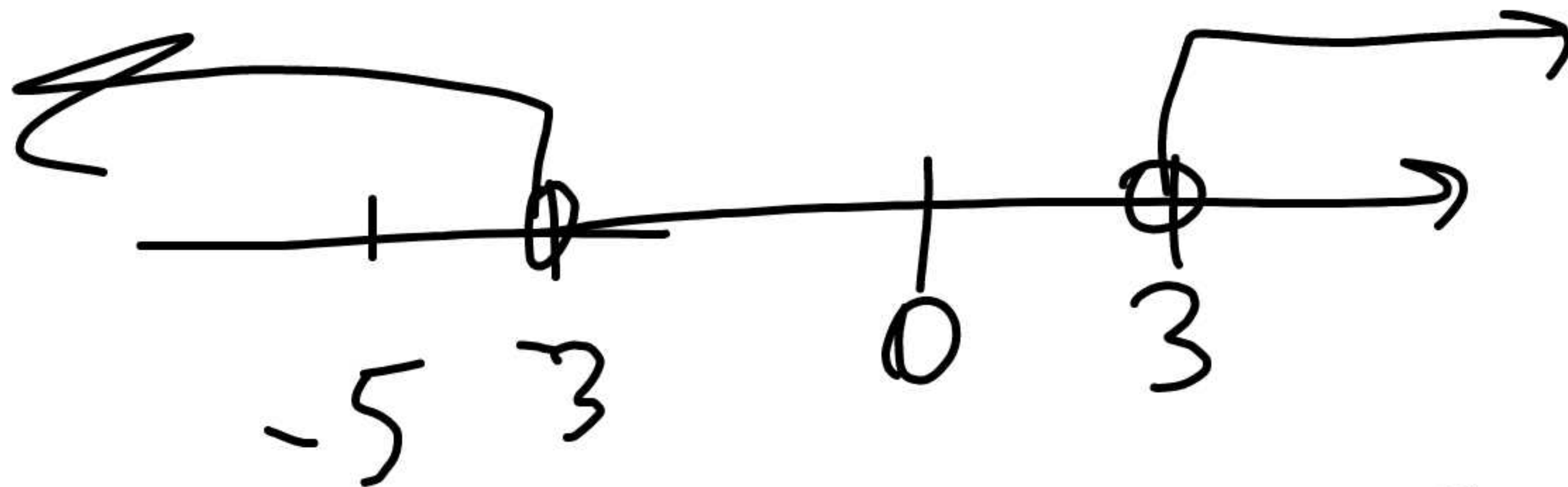
$$|x| \leq 5$$



$$x \geq -5$$

$$x \leq 5$$

$$|x| > 3$$



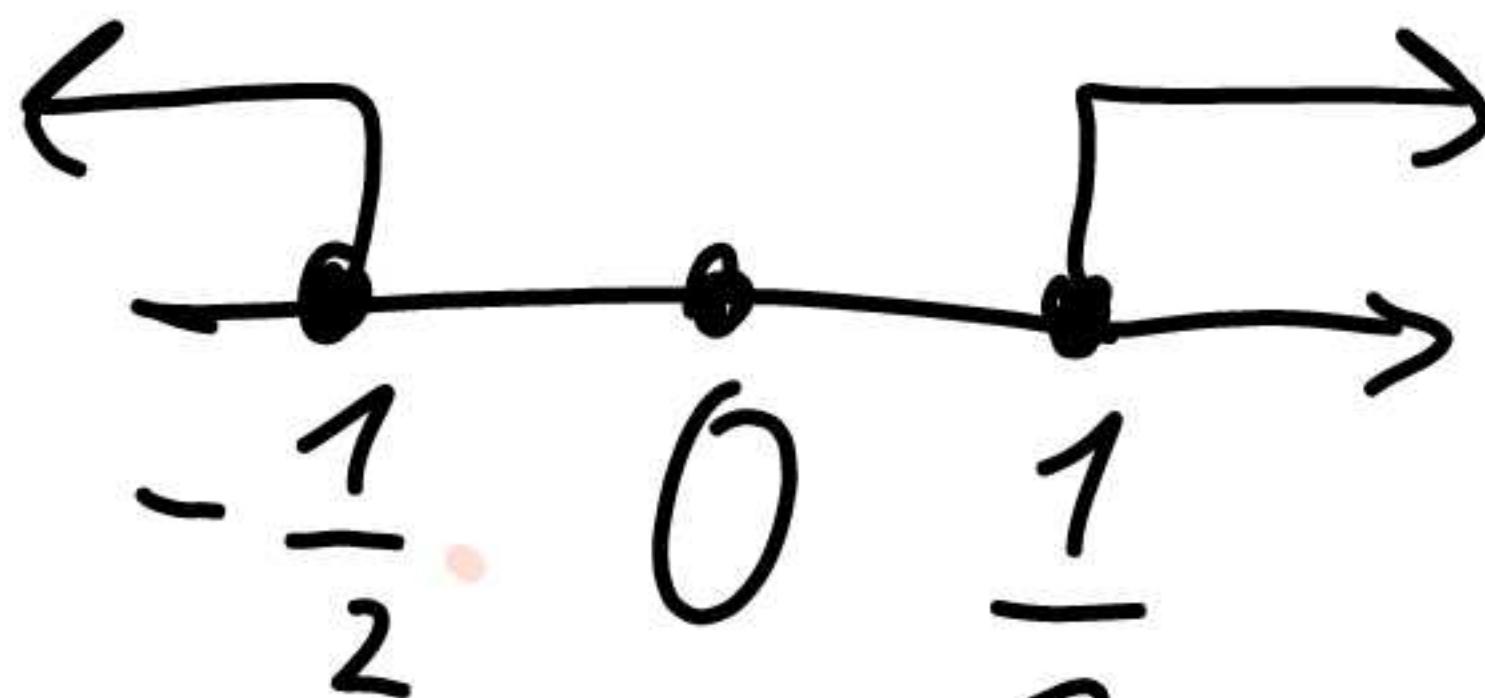
$$x < -3 \text{ or } x > 3$$

$$|x| \geq 2$$

$$x \geq 2 \text{ or } x \leq -2$$



$$|x| \geq \frac{1}{2}$$



$$x \geq \frac{1}{2}$$

$$\text{or } x \leq -\frac{1}{2}$$

Zadanie

$$|x| > \sqrt{2}$$

$$|x| \geq \frac{2}{3}$$

$$|x| < \sqrt{3} + 1$$

$$|x| \leq \frac{1}{4}$$