

Assignment No.6

Mr.Abhishek Nayak

Download all python codes from

<https://github.com/Abhishek7008/Assignment6.git>

Question taken from

https://raw.githubusercontent.com/gadepall/ncert/main/linalg/inequalities/gvv_ncert_ineq.pdf
question 2.14

1 QUESTION No 2.14

Solve $4x+3 < 5x+7$

2 SOLUTION

From the given information,

$$4x + 3 < 5x + 7 \quad (2.0.1)$$

$$4x - 5x < 7 - 3 \quad (2.0.2)$$

$$-x < 4 \quad (2.0.3)$$

$$x < -4 \quad (2.0.4)$$

$$x \in (-4 \infty) \quad (2.0.5)$$

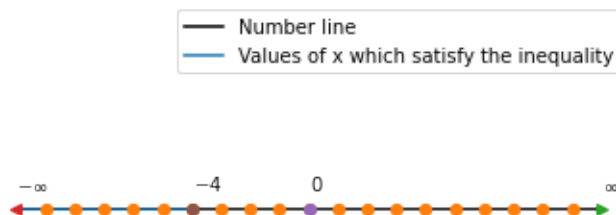


Fig. 2.1: Number line inequality graph