

# Assignment-06

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Download latex-tikz codes from

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

Download python codes from

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

Question taken from

[https://raw.githubusercontent.com/gadepall/ncert/main/linalg/inequalities/gvv\\_ncert\\_ineq.pdf](https://raw.githubusercontent.com/gadepall/ncert/main/linalg/inequalities/gvv_ncert_ineq.pdf)  
question 2.15

## 1 QUESTION No 2.15

Solve  $3x - 7 > 5x - 1$

## 2 SOLUTION

From the given information,

$$3x - 7 > 5x - 1 \quad (2.0.1)$$

$$3x - 5x > 7 - 1 \quad (2.0.2)$$

$$-2x > 6 \quad (2.0.3)$$

$$x < -3 \quad (2.0.4)$$

$$x \in (-3 \infty) \quad (2.0.5)$$

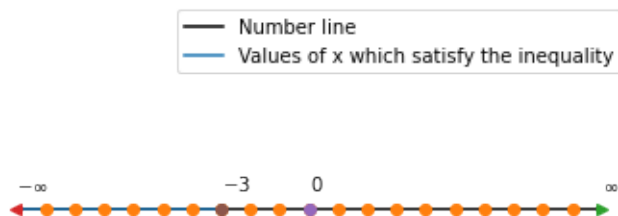


Fig. 2.1: Number line inequality graph