

# Assignment No.6

Panisha Gundelli

Download latex-tikz codes from

<https://github.com/Panisha707/ASSIGNMENT06/blob/main/main.tex>

Download python codes from

<https://github.com/Panisha707/ASSIGNMENT06/blob/main/untitled34.py>

Question taken from

Inequalities , exercises 2.5

## 1 QUESTION No 1

Solve  $-8 \leq 5x - 3 < 7$

## 2 SOLUTION

From the given information,

$$8 \leq 5x - 3 < 7 \quad (2.0.1)$$

$$-8 + 3 \leq 5x < 7 + 3 \quad (2.0.2)$$

$$-5 \leq 5x < 10 \quad (2.0.3)$$

$$-1 \leq x < 2 \quad (2.0.4)$$

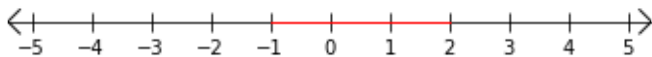


Fig. 2.1: Number line inequality graph