Linear Inequations

Linear Equation: Equation
$$(n'x')$$

with highest power of $x \to 1$

General form: $(ax' + b = 0) (ax' + bx') = 0$
 $3x - 8 = 1 \longrightarrow 1.6$ in one variable

 $2x - 3y = 4 \longrightarrow 16$ for two variable

Equation (Equate kona)

quadratic Equation: Réghest poner ap $x^2 + bx^1 + cx^0 = 0$ general form: $ax^2 + bx^1 + c = 0$

Cubic Equation: highest power copy is '3'.

general: and + bn2 + cn1 + 420 = 0

from

Trequation: Jab kuch compare krrhe

Tejasee Samkit

L, (,) -> equation

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$$\frac{3}{2}x \le 6+x$$

$$3x \le 2(+x)$$

$$3x \le 12 + 2x$$

$$3x - 2x \le 12$$

$$x \le 12$$

$$\frac{1111}{4} + \frac{1}{4} - \frac{1}{8} > 5 - 2\pi$$

$$\frac{1}{4} > 5 - 2\pi + 8$$

$$\frac{1}{4} > 13 - 2\pi$$

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(iv)
$$6x - \frac{2}{4} > 5 + \frac{2}{4}$$

 $6x - 2x > 5 + \frac{2}{4}$
 $5x > 23$

$$5x - 5 > \frac{3}{4}$$

$$31 < 30 \rightarrow \text{Solution Set}$$
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 $31 < 1,2,3 - - - 00 \rightarrow (7 & N : 96 < 5) = 5 : 1/2,3/45$
 $31 : -60 - - - 1/0,1 - - - 00 \rightarrow (7 & N : 96 < 5) = 5 : 1/2,3/45$
 $31 : -60 - - - 1/0,1 - - - 00 \rightarrow (7 & N : 1 : 76 < 5) = 5 - - 1/4/2,3/45$

Replacement set

solution set

(1) 22-7 < 4, LE & 1, 2, 3, 4, 5, 1, 7) 22-7-4 L, Replacement set 22 4 4+7 2721 2611 x < 5.5 : x = \$1,2,3,4,5} -> solution set

