

# STEP UP TO INEQUALITIES

## Objective:

- Students will solve one and two step inequality statements.

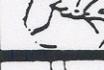
## Directions to the Teacher:

- Teachers will need to copy and laminate the hexagonal inequality game board and copy, laminate, and cut out the problem solution cards.
- The students will then line up the inequality solution cards on the outer rim of the game board.

## Materials:

- Card stock - game board
- Card stock - problem solution cards

	$5 < -10X$
	$-1/2 > X$
	$3X \geq 6$
	$X \geq 2$
	$4X - 1.4 < 5.6$
	$4X < 7.0$
	$X < 7/4$

	$4X - 1 \leq 5X$
	$-1 \leq X$
	$15X + 9 > -1$
	$15X > -10$
	$X > -2/3$
	$2X > -8$
	$2 + 2X > -6$
	$X > -4$

INEQUALITIES  
TO  
UP  
STEP

$$| -x - 1 | < 6 + x$$

$$2 + 7x > 5x - 6$$

$$4x - 1 < 3x + 2x$$

$$x - 5 > 3x$$

$$2x - 1.4 < 5.6 - 2x$$

$$4x \geq x + 6$$

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