

Where Does the Point Fit In?

Directions:

Determine if each point is a solution to inequality 1, inequality 2, both, or neither. At the coordinates, plot either a **1**, **2**, **B** (for both), or **N** (for neither).

(0, 0)	(0, -3)	(4, 0)	(0, 4)
(2, 2)	(-4, 2)	(-1, 2)	(3, -1)
(4, -3)	(-4, -4)	(-5, 4)	(2, 0)
(3.5, 1)	(-½, 2)	(-3, 1½)	(½, 4½)
(5, -3)	(4, 1)	(-2, -2)	(-4, 5)

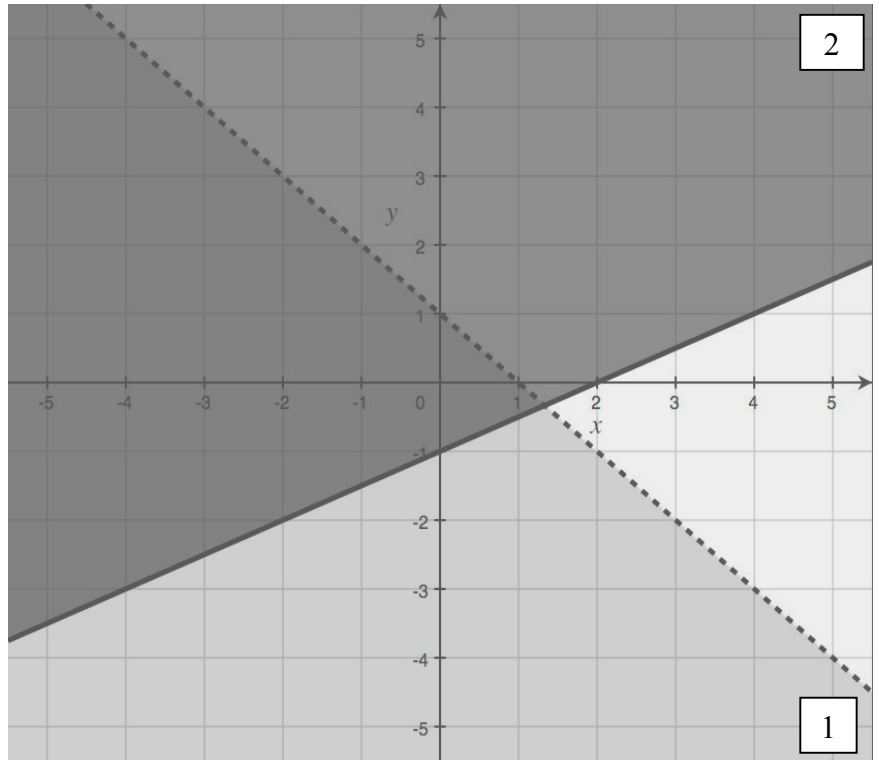
Questions:

- 1) Where are the B's?

- 2) Where are the N's?

- 3) Where are the 1s?

- 4) Where are the 2s?



- 5) Determine the two inequalities that are shown above.

- 6) Using your answer to question 5, determine if (-15, 18) would be labeled 1, 2, B, or N.