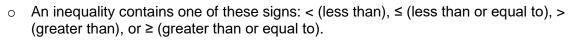


Vocabulary: Quadratic Inequalities

Vocabulary

- Boundary a line or curve separating one part of a plane from another.
 - The boundary in the graph to the right is the parabola with the equation $y = 2x^2$.
- <u>Inequality</u> a statement that compares two quantities or expressions that are not equal.
 - \circ For example, 8 > 2, and also 5 < 2 3.



- <u>Solution</u> a value that makes an equation or inequality true.
 - For example, one solution of the inequality $y \le 2x^2$ whose graph is shown above is (3, -1) because $-1 \le 2(3)^2$ is true.

