Solving Linear Inequalities by Graphing
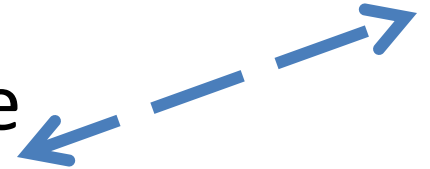
Graphing linear inequalities:

< or > sign: use a dotted or dashed line
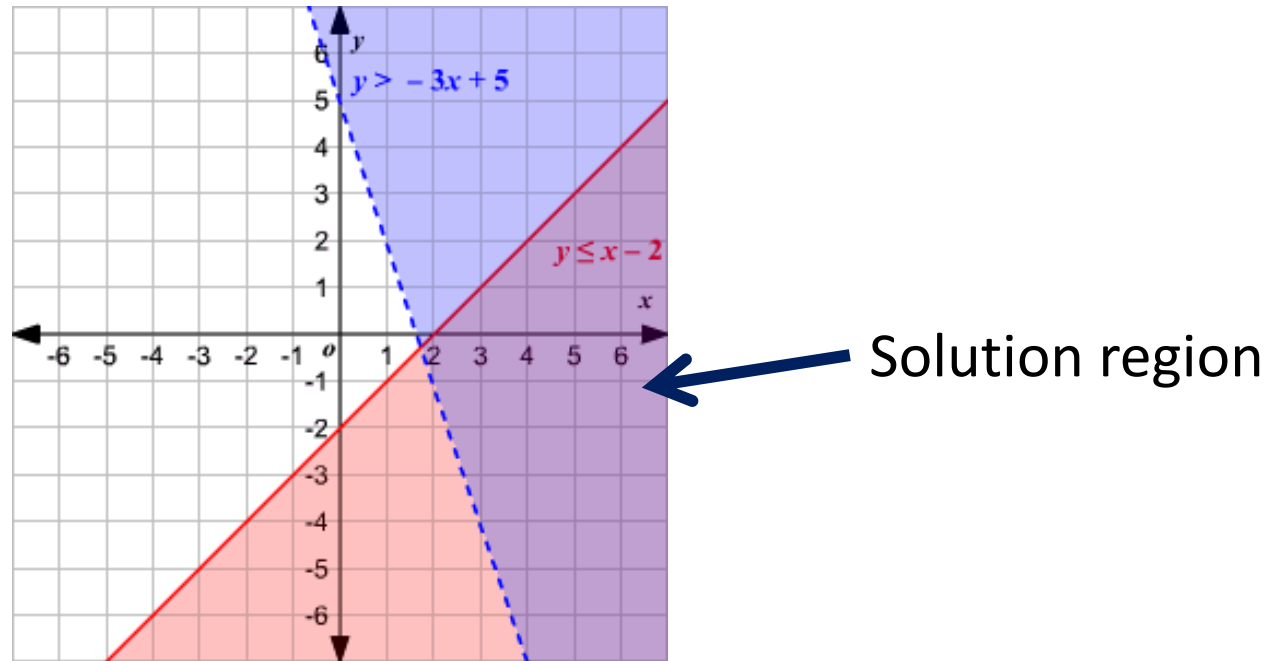
≤ or ≥ sign: use a solid line

< or ≤ (less than) sign: shade below the line

> or ≥ (greater than) sign: shade above the line

Solution region: where the shaded regions overlap

Points on a dotted line are <u>not</u> part of the solution region.

Points on a solid line are part of the solution region.