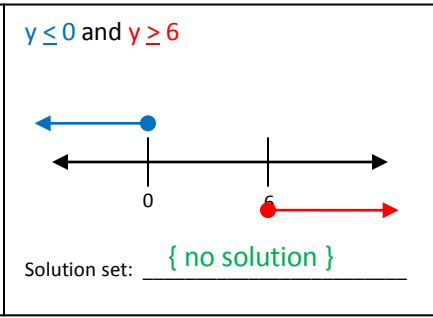
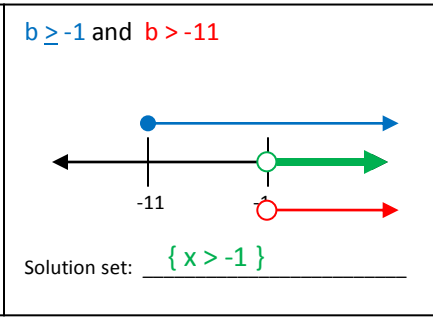
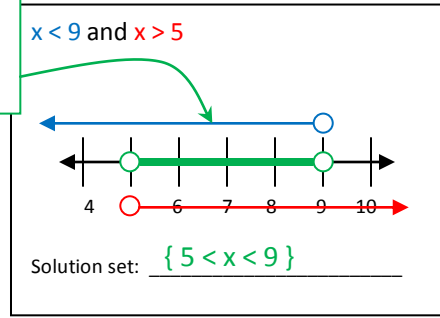


NUMBER LINE GRAPHING: Use the above & below method to determine the solution.

ALL square root inequalities are assumed to be "AND" graphs.

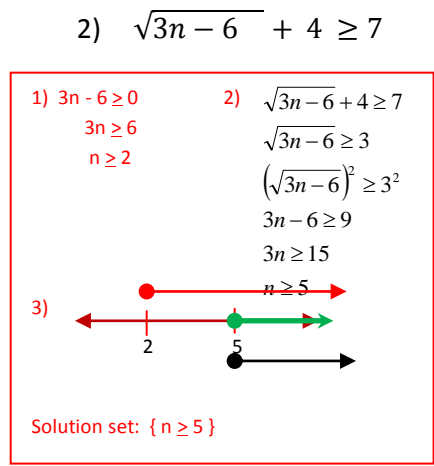
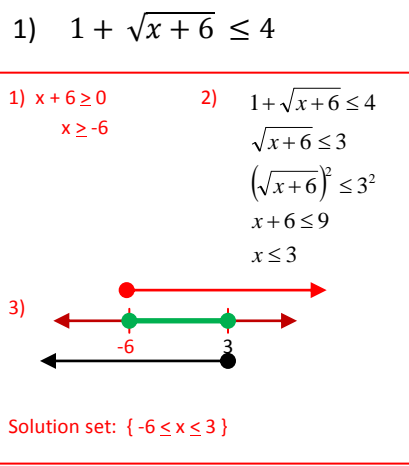
Graph each pair of inequalities using the "above & below" method.

Where do they overlap?



Solving radical inequalities:  
(compound inequalities)

- 1) set what is inside the root  $\geq 0$ , and solve.
- 2) solve the original problem.
- 3) use a number line graph to combine the answers from step #1&2.



Divide by a negative, switch inequality!

