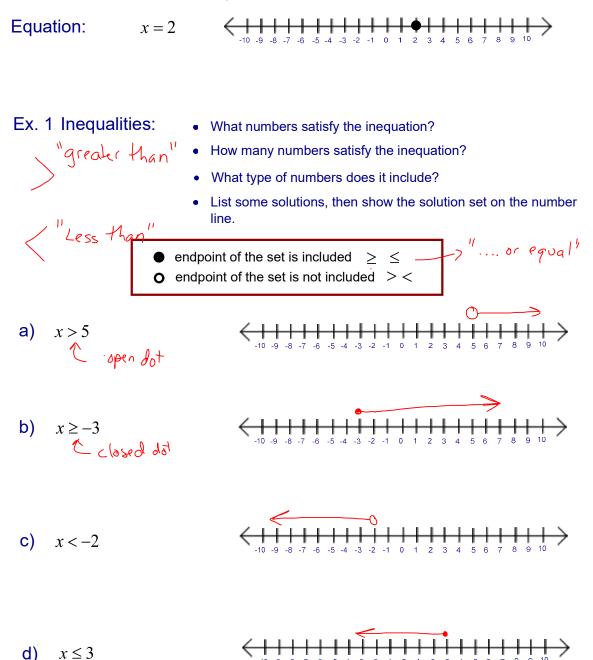
Inequalities 4.10

Part A: One-Variable Inequalities



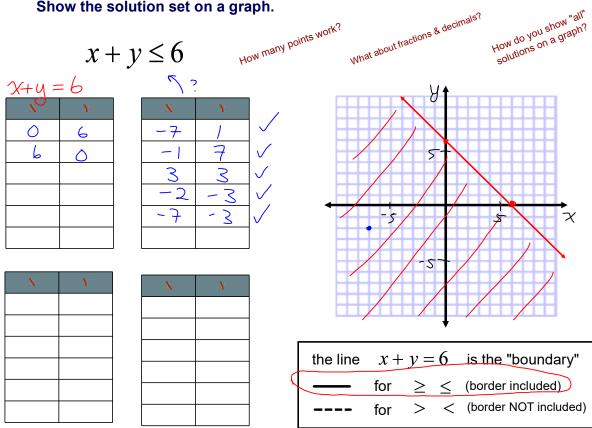
-2 -1 0 1 2

Part B: Two-Variable Inequalities

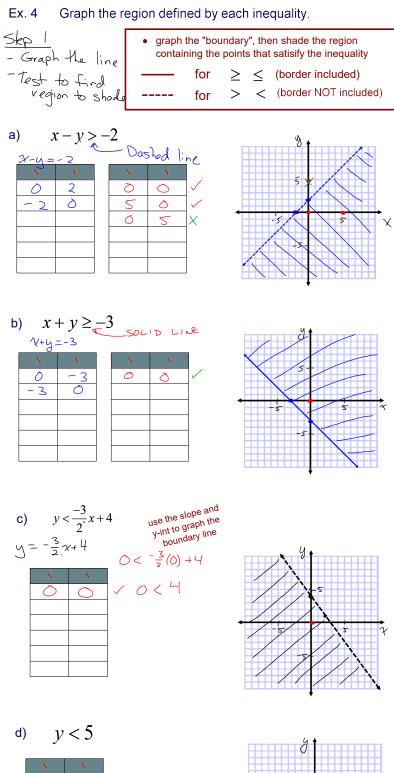
Ex. 2 Which of the points listed satisfies the inequality?

- a) x + y < 10 (3,4) (5,-1) (6,15) (-3,-7) (4,6) (2,9)
- b) $x y \ge 2$ (4,5) (8,2) (4,-1) (5,3) (-4,-5) (0,2)
- c) x > -4(-3,7) (2,0) (1,-3) (-4,-2) (0,0) (-3,-9) d) $xy \le -6$ (-2,3) (5,-1) (4,-3) (-1,-1) (0,4) (-6,1)

Ex. 3 Generate a set of points that satisfy the inequality. Show the solution set on a graph.



4.10 Inequalities.notebook



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X		Y
C)	\bigcirc

