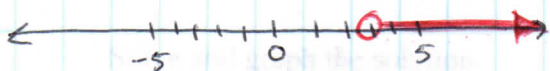


Topic: Graphing and writing inequalities

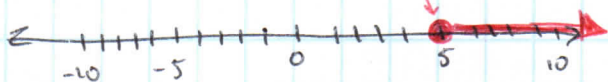
Objective: express solution regions graphically

Graph the following inequalities

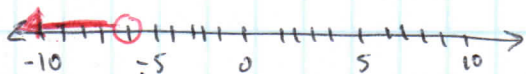
① $x > 3$ "open" circle x is "greater than" 3



② $x \geq 5$ "closed" circle x is "greater than or equal to" 5



③ $m < -6$ m is "less than" -6



④ $y \leq 0$ y is "less than or equal to" 0



"closed" circle

Write the inequalities which represent the given graph

⑤



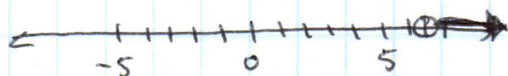
$x < 3$

⑥



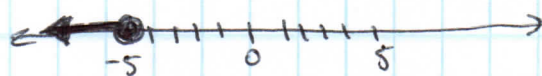
$x \geq -1$

⑦



$x > 7$

⑧



$x \leq -5$