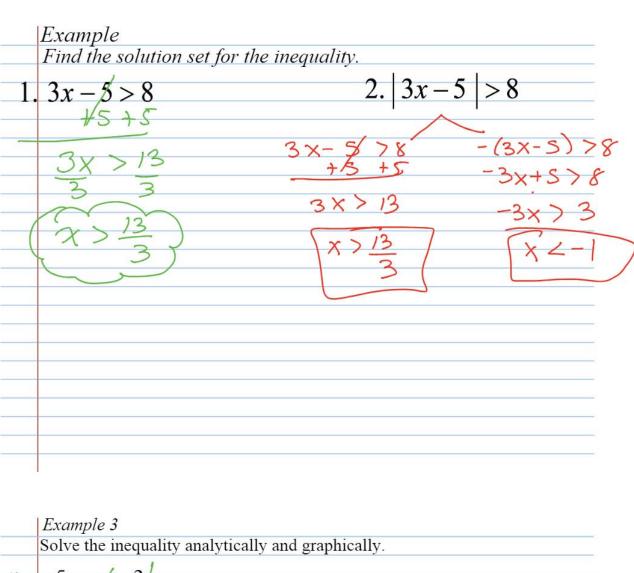
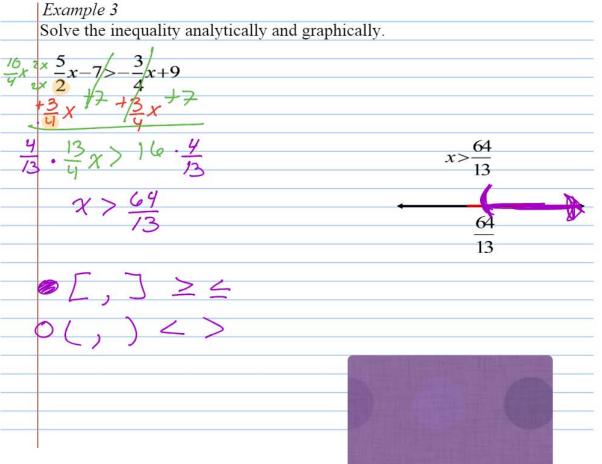
Solving Inequalities Algebraically and Graphically
Given an inequality, students will find
its solutions algebraically, graphically
and explain the process.
Study Problems Section P.5
Page 63 #5-20 (*5), 29-35 odd

		War	m-up			
What i	s an inequali	ty expre	ession?	Give so	me exa	mple
	·					
-						





## Example 4

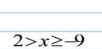
Solve the inequality analytically and graphically.

$$-5 < 2 - (x+5) \le 6$$

$$-52 - 3 - X \le 6$$
  
+3 +3 +3

$$2 \times x \ge -9$$

$$-9 \le x < 2$$





Example 5
Solve the inequality analytically and graphically.

$$|2x-8|-5>4$$