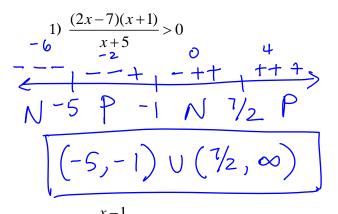
Pre-Calculus
Section 2.8 - day 2
Practice Problems

Name		

Group Members

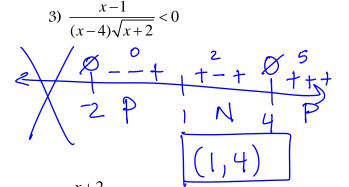
Directions: Show all of your work on this sheet of paper. Write your *answers only* on the answer sheet. When you have completed all problems, staple everyone's individual **work pages** together with the group's answer sheet on top.

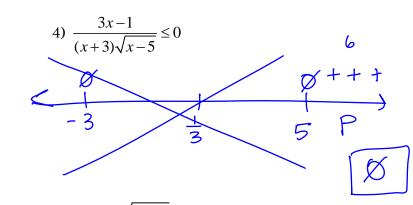
Solve each of the following inequalities algebraically. Show appropriate supporting work (i.e. sign charts).

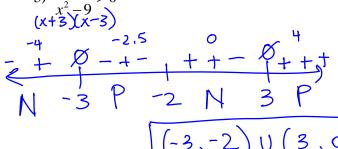


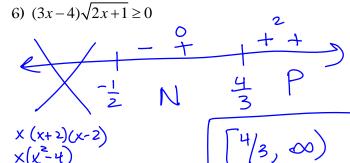
2)
$$x^{2}|2x+9| \ge 0$$
Always ≥ 0

$$(-\infty, \infty)$$



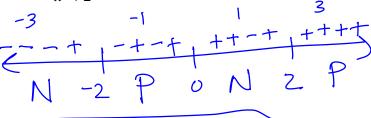


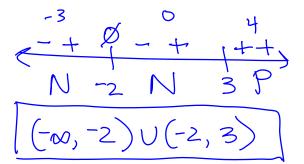




7)
$$\frac{x-3}{|x+2|} < 0$$

$$8) \ \frac{x^3 - 4x}{x^2 + 2} \le 0$$





$$(-\infty,-2]$$
 $V[0,2]$