PLEASE WRITE <u>SECTION NUMBER AND PROBLEM NUMBERS</u> AT THE TOP OF EACH HOMEWORK <u>ASSIGNMENT!!</u>





first and last name class period

2.1 #55-65odd CHECK ANSWERS!! State the domain. Show work and state answer using an inequality AND interval notation for your final answer!

55. $x \neq 3 \rightarrow (-\infty, 3) \cup (3, \infty)$ 57. $x \neq \pm 1 \rightarrow (-\infty, -1) \cup (-1, 1) \cup (1, \infty)$ 59. $t \geq -1 \rightarrow [-1, \infty)$ 2.1 #55-65odd CHECK ANSWERS!! State the domain. Show work and use interval notation for your final answer !

61. $t = all real numbers \rightarrow (-\infty, \infty)$ 63. $x \le \frac{1}{2} \rightarrow (-\infty, \frac{1}{2}]$ 65. $x \ge -2$ and $x \ne 3 \rightarrow [-2, 3) \cup (3, \infty)$

2.2 Notes: vertical line test

Vertical Line Test Use the Vertical Line Test to determine whether the curve is a graph of a function of x.



