**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Unit 7 – Solving Rational Inequalities**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Problems | Step 1  **Move all ratios to**  **same side** (set = 0) | Step 2  **Add or Subtract the**  **fractions** (may need  To get LCD) | Step 3  **Find critical values**  Set numerator = 0  Set denominator = 0 | Step 4  **Do a sign chart**  Test values for all  intervals | Step 5  **Give the solution**  Shade and write in  Interval notation |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Problems | Step 1  **Move all ratios to**  **same side** (set = 0) | Step 2  **Add or Subtract the**  **fractions** (may need  To get CD) | Step 3  **Find critical values**  Set numerator = 0  Set denominator = 0 | Step 4  **Do a sign chart**  Test values for all  intervals | Step 5  **Give the solution**  Shade and write in  Interval notation |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |