**Solving Quadratic Inequalities GREEN Solving Quadratic Inequalities GREEN**

|  |  |  |
| --- | --- | --- |
| **Solution of inequality** |  | **Solution of inequality** |
| -3 < x < 6 | -3 ≤ x ≤ 2 |  | -3 < x < 6 | -3 ≤ x ≤ 2 |
| 5 ≤ x ≤ 7 | x ≤ -3x ≥ 5 |  | 5 ≤ x ≤ 7 | x ≤ -3x ≥ 5 |
| 1 < x < 2 | x ≤ -7x ≥ -3 |  | 1 < x < 2 | x ≤ -7x ≥ -3 |
| 3 < x < 5 | x ≤ -4x ≥ -3 |  | 3 < x < 5 | x ≤ -4x ≥ -3 |
| x < -5x > -1 | x < -4x > 7 |  | x < -5x > -1 | x < -4x > 7 |
| x ≤ -3x ≥ 7 | $\frac{1}{5}$ ≤ x ≤ 2 |  | x ≤ -3x ≥ 7 | $\frac{1}{5}$ ≤ x ≤ 2 |