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

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| **Solution of inequality** | |  | **Solution of inequality** | |
| -3 < x < 6 | -3 ≤ x ≤ 2 |  | -3 < x < 6 | -3 ≤ x ≤ 2 |
| 5 ≤ x ≤ 7 | x ≤ -3  x ≥ 5 |  | 5 ≤ x ≤ 7 | x ≤ -3  x ≥ 5 |
| 1 < x < 2 | x ≤ -7  x ≥ -3 |  | 1 < x < 2 | x ≤ -7  x ≥ -3 |
| 3 < x < 5 | x ≤ -4  x ≥ -3 |  | 3 < x < 5 | x ≤ -4  x ≥ -3 |
| x < -5  x > -1 | x < -4  x > 7 |  | x < -5  x > -1 | x < -4  x > 7 |
| x ≤ -3  x ≥ 7 | ≤ x ≤ 2 |  | x ≤ -3  x ≥ 7 | ≤ x ≤ 2 |