**Inequality Graph and Interval Notation**

|  |  |  |
| --- | --- | --- |
| **Inequality** | **Graph** | **Interval Notation** |
| emptyemptyemptyemptyempty | Inequality_IntervalNotation_G8 | empty |
|  | Inequality_IntervalNotation_G7 | empty |
| emptyemptyempty | Inequality_IntervalNotation_G6 |  empty |
| emptyemptyempty | Inequality_IntervalNotation_G5 |  emptyempty |
| empty | Inequality_IntervalNotation_G1 |  emptyemptyempty |
| empty | Inequality_IntervalNotation_G3 |   |
| emptyemptyemptyempty | Inequality_IntervalNotation_G2 |   |
| emptyemptyemptyempty | Inequality_IntervalNotation_G4 |   |



Try to memorize the following table:

|  |  |  |
| --- | --- | --- |
| x |  |  |
| 1 | 1 | 1 |
| 2 | 4 | 8 |
| 3 | 9 | 27 |
| 4 | 16 | 64 |
| 5 | 25 | 125 |
| 6 | 36 | 216 |
| 7 | 49 | 343 |
| 8 | 64 | 512 |
| 9 | 81 | 729 |
| 10 | 100 | 1000 |
| 11 | 121 | 1331 |
| 12 | 144 | 1728 |
| 13 | 169 | 2197 |