**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**ANSWER KEY**

**BOX QUIZ 3**

**Answer the following questions and show all work.**

|  |  |
| --- | --- |
| **Identify the set(s) of numbers to which each given number belongs. Use the letters NWZQIR**   1. -8 Z Q R 2. 10 N W Z Q R 3. I R 4. Q R | **Draw the correct symbol for the following in Venn Diagrams:**   1. Intersection C:\Users\becky.griffin\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\2E72991.tmp 2. Union C:\Users\becky.griffin\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\C0942F6D.tmp   A’ Ac   1. Complement 2. Disjoint The Everything-ness of the Empty Set | by LeAnne Chan | Cantor's Paradise 3. Subset C:\Users\becky.griffin\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\468F9775.tmp |
| **Write the following**  **number in words:**  ***2,301***  Two thousand, three hundred, one | **Fill in the truth table for Disjunction.**   |  |  |  | | --- | --- | --- | | ***p*** | ***q*** | ***p v q*** | | ***T*** | ***T*** | T | | ***T*** | ***F*** | T | | ***F*** | ***T*** | T | | ***F*** | ***F*** | F | |