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

**BOX QUIZ 10**

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

|  |  |
| --- | --- |
| **There are 34 students in Dr. Smith’s College Algebra class. There are 20 students in the Math Club, 15 students in Phi Theta Kappa, and 7 that are in both the Math Club and Phi Theta Kappa. How many students are not in either of these clubs? *\_\_\_\_\_\_\_\_\_\_*** | **The sum of a number and its additive inverse is always equal to \_\_\_\_\_.** |
| **What are the five Subtraction Algorithms of Integers discussed in Lesson 16?** | **Identify the set(s) of numbers to which each given number belongs. Use the letters NWZQIR**   1. 1.4125489645… 2. 3 3. -2 4. 0 |