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

**ANSWER KEY**

**BOX QUIZ 14**

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

|  |  |
| --- | --- |
| **Simplify.**  -4 +(-2)2 – 18  -4 + 4 – 18  0 – 18  -18 | **Does the fraction terminate or repeat? Explain your reasoning.**  Terminates because 50 only has factors of 2 and 5.  2 x 52 |
| **Write the expanded form of the decimal to show the powers of 10 for the following decimal:**  **7.3814**  7 x 100 + 3 x 10-1 +  8 x 10-2 + 1 x 10-3 + 4 x 10-4 | **Turn the repeating decimal .252525…into a fraction.** |