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

**ANSWER KEY**

**BOX QUIZ 6**

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

|  |  |
| --- | --- |
| **Identify the pattern as geometric or arithmetic and find the next three terms.**  **(a) 10, 20, 30, 40**  Arithmetic  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  50, 60, 70  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **(b) 10, 20, 40, 80**  Geometric  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  160, 320, 640  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Write the name of each part of this Division example.**      Quotient  5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Divisor  7 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Dividend  35 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Solve using Order of Operations.**  (25 x 64 + 81) – 32 / 16  (1600 + 81) – 2  1681 – 2  ANSWER: 1679 | **Given the Roman Numeral MCMXCVI, what is this number in Hindu Arabic?**  ANSWER: 1996 |