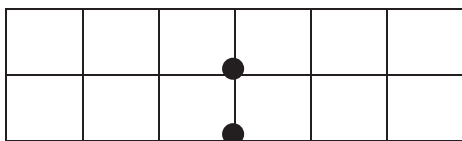Name _____    Date _____
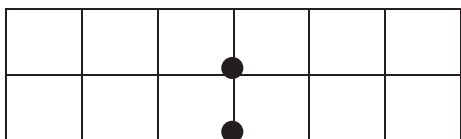
1. Show the numbers on the place value chart using digits.  Use >, <, or = to compare.  Explain your thinking to the right.

   34.223 ◯ 34.232

   |  |  |  |  |  |  |
   |---|---|---|---|---|---|
   |  |  |  |  |  |  |
   |  |  |  |  |  |  |

   0.8 ◯ 0.706

   |  |  |  |  |  |  |
   |---|---|---|---|---|---|
   |  |  |  |  |  |  |
   |  |  |  |  |  |  |

2. Use >, <, or = to compare the following.  Use a place value chart to help if necessary.

   | | | |
   |---|---|---|
   | a.  16.3 | ◯ | 16.4 |
   | b.  0.83 | ◯ | $\frac{83}{100}$ |
   | c.  $\frac{205}{1000}$ | ◯ | 0.205 |
   | d.  95.580 | ◯ | 95.58 |
   | e.  9.1 | ◯ | 9.099 |
   | f.  8.3 | ◯ | 83 tenths |
   | g.  5.8 | ◯ | Fifty-eight hundredths |

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**Lesson 6:**  Compare decimal fractions to the thousandths using like units and express comparisons with >, <, and =.
**Date:**  6/28/13

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**1.B.22**

| | | |
|---|---|---|
| h. Thirty-six and nine thousandths | ◯ | 4 tens |
| i. 202 hundredths | ◯ | 2 hundreds and 2 thousandths |
| j. One hundred fifty-eight thousandths | ◯ | 158,000 |
| k. 4.15 | ◯ | 415 tenths |

3. Arrange the numbers in increasing order.

   a. 3.049  3.059  3.05  3.04

   _____

   b. 182.205  182.05  182.105  182.025

   _____

4. Arrange the numbers in decreasing order.

   a. 7.608  7.68  7.6  7.068

   _____

   b. 439.216  439.126  439.612  439.261

   _____

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**1.B.23**

5.   Lance measured 0.485 liter of water.  Angel measured 0.5 liter of water.  Lance said, "My beaker has more water than yours because my number has 3 decimal places and yours only has 1."  Is Lance correct?  Use words and numbers to explain your answer.

6.   Dr. Hong prescribed 0.019 liter more medicine than Dr. Tannenbaum.  Dr. Evans prescribed 0.02 less than Dr. Hong.  Who prescribed the most medicine?  Who prescribed the least?  Explain how you know using a place value chart.