Name
Date $\qquad$

1. Use $>,<$, or = to compare the following.

| a. 16.45 |  | 16.454 |
| :---: | :---: | :---: |
| b. 0.83 |  | $\frac{83}{100}$ |
| c. $\frac{205}{1000}$ |  | 0.205 |
| d. 95.045 |  | 95.545 |
| e. 419.10 |  | 419.099 |
| f. Five ones and eight tenths |  | Fifty-eight tenths |
| g. Thirty-six and nine thousandths |  | Four tens |
| h. One hundred four and twelve hundredths |  | One hundred four and two thousandths |
| i. One hundred fifty-eight thousandths |  | 0.58 |
| j. 703.005 |  | Seven hundred three and five hundredths |

2. Arrange the numbers in increasing order.
a. $8.08 \quad 8.081$
8.09
8.008
b. $14.204 \quad 14.200 \quad 14.240 \quad 14.210$
3. Arrange the numbers in decreasing order.
$\begin{array}{lllll}\text { a. } & 8.508 & 8.58 & 7.5 & 7.058\end{array}$
b. $439.216 \quad 439.126 \quad 439.612 \quad 439.261$
4. James measured his hand. It was 0.17 meter. Jennifer measured her hand. It was 0.165 meter. Whose hand is bigger? How do you know?
5. In a paper airplane contest, Marcel's plane travels 3.345 meters. Salvador's plane travels 3.35 meters. Jennifer's plane travels 3.3 meters. Based on the measurements, whose plane traveled the farthest distance? Whose plane traveled the shortest distance? Explain your reasoning using a place value chart.
