

Name _____

Date _____

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 8.081 8.09 8.008

8.008 8.08 8.081 8.09

b. 14.204 14.200 14.240 14.210

14.200 14.204 14.210 14.240

3. Arrange the numbers in decreasing order.

a. 8.508 8.58 7.5 7.058

8.58 8.508 7.5 7.058

b. 439.216 439.126 439.612 439.261

439.612 439.261 439.216 439.126

4. James measured his hand. It was 0.17 meters. Jennifer measured her hand. It was 0.165 meters. Whose hand is bigger? How do you know?

James: 0.17
 Jennifer: 0.165

James's hand is bigger.

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.

M:	3	3	4	5
S:	3	3	5	
J:	3	3		

Salvador is farthest.

Jennifer is shortest.