

Name Answer Key

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 5.8	$<$	Fifty-eight tenths 5.8
g. Thirty-six and nine thousandths 36.009	$<$	Four tens 40
h. One hundred four and twelve hundredths	$<$	One hundred four and two thousandths
i. One hundred fifty-eight thousandths 0.158	$<$	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

Line the numbers
up. Fill in missing
place values with
zero.

8.508 * 2
8.580 * 1
7.500 * 3
7.058 * 4

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.