

Name _____

Date _____

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

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

2. Arrange the numbers in increasing order.

a. 8.08 8.081 8.09 8.008

b. 14.204 14.200 14.240 14.210

3. Arrange the numbers in decreasing order.

a. 8.508 8.58 7.5 7.058

b. 439.216 439.126 439.612 439.261

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.

Answer Key

1.
 - a. <
 - b. =
 - c. =
 - d. <
 - e. >
 - f. =
 - g. <
 - h. >
 - i. <
 - j. <
2.
 - a. 8.008; 8.08; 8.081; 8.09
 - b. 14.200; 14.204; 14.210; 14.240
3.
 - a. 8.58; 8.508; 7.5; 7.058
 - b. 439.612; 439.261; 439.216; 439.126
4. James' hand was bigger; explanations will vary.
5. Salvador's plane traveled the farthest distance; Jennifer's plane traveled the shortest distance; explanations will vary.