Dynamic Decimals

Decimal Values

Remember the following information:

- Everything to the right of the decimal point has a value less than the whole number 1. All of the examples below have a value less than 1.

  0.27   0.0096   0.95215

- Any number without a visible decimal point has the decimal point at the end of the number.

  12 = 12.0   148 = 148.0   3,546 = 3,546.0

- The farther a digit is to the right of the decimal point, the less value it has.

  0.1 is greater than 0.01   0.004 is greater than 0.0034

Directions: Study the Facts and Reminders page from this unit. Circle the number which has a greater value in each pair of decimals. The first one is done for you.

1. (0.345) 0.3445	**2.** 0.211 0.2111	**3.** 0.456 0.4563	**4.** 0.08 0.008
5. 0.6512 0.5612	**6.** 0.098 0.09788	**7.** 0.111 0.11	**8.** 0.7612 0.761
9. 0.005 0.004987	**10.** 0.3009 0.3018	**11.** 0.445 0.454	**12.** 0.1207 0.2107
13. 0.0078 0.078	**14.** 0.1368 0.1386	**15.** 0.2 0.1276408	**16.** 0.2829 0.28292

Directions: Organize each set of decimals from greatest to least. The first one is started for you.

17.	1.6453	_____21.532_____	**18.**	0.96435	_____
	21.532	_____		54.942	_____
	0.0076	_____		0.02	_____
	0.6521	_____		1.23	_____
	3.9854	_____0.0076_____		0.0023	_____

19.	0.7812	_____	**20.**	0.006321	_____
	0.77982	_____		0.013751	_____
	4.86314	_____		0.0932	_____
	4.8632	_____		0.02632	_____
	32.1	_____		0.021001	_____

21.	112.113	_____	**22.**	1.2397	_____
	1.12113	_____		3.87439	_____
	1121.13	_____		0.063418	_____
	11211.3	_____		89.654	_____