

Y4 – Summer – Block 1 – Step 6 – Order decimals Answers

Question	Answer																																								
1	a) 3.14 4.14 3.15 3.23 b) 3.14 3.15 3.23 4.14																																								
2	a) <table><tr><td><table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1</td><td>0.1 0.1 0.1 0.1</td><td>0.01 0.01</td></tr><tr><td>1</td><td>4</td><td>2</td></tr></table></td><td><table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1 1</td><td></td><td>0.01 0.01 0.01 0.01 0.01 0.01</td></tr><tr><td>2</td><td>0</td><td>6</td></tr></table></td></tr><tr><td><table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1 1</td><td>0.1 0.1 0.1</td><td></td></tr><tr><td>2</td><td>3</td><td></td></tr></table></td><td><table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1</td><td>0.1 0.1 0.1</td><td>0.01 0.01 0.01</td></tr><tr><td>1</td><td>3</td><td>3</td></tr></table></td></tr></table> b) 1.33 1.42 2.06 2.3	<table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1</td><td>0.1 0.1 0.1 0.1</td><td>0.01 0.01</td></tr><tr><td>1</td><td>4</td><td>2</td></tr></table>	O	Tth	Hth	1	0.1 0.1 0.1 0.1	0.01 0.01	1	4	2	<table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1 1</td><td></td><td>0.01 0.01 0.01 0.01 0.01 0.01</td></tr><tr><td>2</td><td>0</td><td>6</td></tr></table>	O	Tth	Hth	1 1		0.01 0.01 0.01 0.01 0.01 0.01	2	0	6	<table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1 1</td><td>0.1 0.1 0.1</td><td></td></tr><tr><td>2</td><td>3</td><td></td></tr></table>	O	Tth	Hth	1 1	0.1 0.1 0.1		2	3		<table><tr><td>O</td><td>Tth</td><td>Hth</td></tr><tr><td>1</td><td>0.1 0.1 0.1</td><td>0.01 0.01 0.01</td></tr><tr><td>1</td><td>3</td><td>3</td></tr></table>	O	Tth	Hth	1	0.1 0.1 0.1	0.01 0.01 0.01	1	3	3
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3	4.12 2.41 1.42 1.24																																								
4	No Jo has only looked at the 1st digit. She needs to look at the place value of each digit. The correct order is: 0.64 2.83 12.07																																								
5	Annie Both numbers have 4 ones. 4.12 has 1 tenth and 4.08 has 0 tenths, so 4.12 is greater than 4.08. It is not necessary to compare the number of hundredths in each number.																																								
6	a) 3.2 < 3.8 < 3.9 ascending b) 0.41 > 0.38 > 0.25 descending c) 4.2 > 4.17 > 4.085 descending																																								
7	a) 0.97 1.45 1.81 2.38 b) 0.09 0.46 0.64 0.71 c) 0.99 2.98 7.83 12.03																																								
8	Dora Ron Tommy Eva Amir																																								
9	multiple possible answers, e.g. ascending order 0.41 2.41 7.39 9.41 descending order 8.41 7.49 6.41 5.47 There are many ways to complete the lists. The last number in the ascending list and the first number in the descending list can only be 8 or 9, so these numbers cannot be used anywhere else.																																								