Here are four numbers on place value charts.

a) What number is represented in each place value chart?

A

<table>
<thead>
<tr>
<th>Ones</th>
<th>Tenths</th>
<th>Hundredths</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

\[3.14\]

B

<table>
<thead>
<tr>
<th>Ones</th>
<th>Tenths</th>
<th>Hundredths</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

\[4.14\]

C

<table>
<thead>
<tr>
<th>Ones</th>
<th>Tenths</th>
<th>Hundredths</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

\[3.15\]

D

<table>
<thead>
<tr>
<th>Ones</th>
<th>Tenths</th>
<th>Hundredths</th>
</tr>
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<tbody>
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<td>1</td>
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<td>1</td>
</tr>
</tbody>
</table>

\[3.23\]

b) Write the numbers in ascending order.

\[3.14, 3.15, 3.23, 4.14\]

smallest  
greatest

b) Write the numbers in ascending order.

\[1.33, 1.42, 2.06, 2.3\]

3 Write the numbers in descending order.

\[4.12, 2.41, 1.42, 1.24\]

4 Teddy’s teacher asks him to put some numbers in ascending order.

Here is his answer.

\[0.64, 12.7, 2.83\]

Do you agree with Teddy?  \textbf{No}  
Talk about it with a partner.

© White Rose Maths 2020
Tommy, Ron, Amir, Dora and Eva have measured their heights. Write the children's names in order from shortest to tallest.

Who do you agree with? **Dexter**

Explain your answer.

Write < or > to complete the statements. Decide whether the numbers are ascending or descending in each part.

a) 3.2 < 3.8 < 3.9 ascending

b) 0.41 > 0.38 > 0.25 descending

c) 4.2 > 4.17 > 4.085 descending

Write the numbers in ascending order.

a) 2.38 0.97 1.45 1.81

- 0.97, 1.45, 1.81, 2.38

b) 0.64 0.7 0.09 0.46

- 0.09, 0.46, 0.64, 0.7

c) 12.3 2 7.83 0.99

- 0.99, 2, 7.83, 12.3

Here are two lists of numbers.
Use the digits 0 to 9 once each to complete the lists. e.g.

ascending order 0.41 2.41 7.39 9.41
descending order 8.41 7.49 6.41 5.42

Compare answers with a partner.
Is there more than one way to complete each list?