

Year 4 Maths 26/3/20

Learning objective: compare and order numbers with up to 2 decimal places

RECALL:

| Thousands | Hundreds | Tens | Units | Decimal Point | Tenths | Hundredths |
|-----------|----------|------|-------|---------------|--------|------------|
| | | | | . | | |
| | | | | . | | |
| | | | | . | | |

Put these numbers into the place value table.

362 263 236 623 632 326

Which number is smallest? Which is biggest?

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RECALL:

| | Thousands | Hundreds | Tens | Units | Decimal Point | Tenths | Hundredths |
|------------|-----------|----------|------|-------|---------------|--------|------------|
| Biggest → | | 6 | 3 | 2 | . | | |
| | | 6 | 2 | 3 | . | | |
| | | 3 | 6 | 2 | . | | |
| | | 3 | 2 | 6 | . | | |
| | | 2 | 6 | 3 | . | | |
| Smallest → | | 2 | 3 | 6 | . | | |

↑

Compare the column furthest to the left first.
If there are two numbers that have the same digit in this column, compare the next column to the right.

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The same rule is true when we compare decimal numbers.

| Thousands | Hundreds | Tens | Units | Decimal Point | Tenths | Hundredths |
|-----------|----------|------|-------|---------------|--------|------------|
| | | | 1 | . | 5 | |
| | | | 0 | . | 7 | |
| | | | 0 | . | 9 | |

I'll start by comparing the digits furthest to the left, which are the units.

I can see that 1.5 has 1 in the units column, whereas the other numbers have 0 in the units column. This means that 1.5 is the biggest number.

The other two numbers both have 0 in the units column, so I need to move to the next column along which is the tenths column.

I can see that one of the numbers has a 9 in the tenths column, which means that 0.9 is bigger than 0.7

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| Thousands | Hundreds | Tens | Units | Decimal Point | Tenths | Hundredths |
|-----------|----------|------|-------|---------------|--------|------------|
| | | | | . | | |
| | | | | . | | |
| | | | | . | | |

ONE CHILLI:
Write these numbers from biggest to smallest: 0.6 2.7 1.3 5.2

TWO CHILLIES:
Write these numbers from biggest to smallest: 2.13 3.56 1.62 2.01

THREE CHILLIES:
Write these numbers from biggest to smallest: 0.36 0.09 1.00 0.79

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ANSWERS

| Thousands | Hundreds | Tens | Units | Decimal Point | Tenths | Hundredths |
|-----------|----------|------|-------|---------------|--------|------------|
| | | | | . | | |
| | | | | . | | |
| | | | | . | | |

ONE CHILLI:
Write these numbers from biggest to smallest: 0.6 2.7 1.3 5.2
5.2 2.7 1.3 0.6

TWO CHILLIES:
Write these numbers from biggest to smallest: 2.13 3.56 1.62 2.01
3.56 2.13 2.01 1.62

THREE CHILLIES:
Write these numbers from biggest to smallest: 0.36 0.09 1.00 0.79
1.00 0.79 0.36 0.09

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