

MathShed

Year 4
Summer Block 1: Decimals

Lesson 3: To be able to compare numbers with up to two decimal places

Term: Summer Unit: Block 1 - Decimals Lesson: 3

To be able to compare numbers with up to two decimal places

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Starter:
Complete the table on the right.

| ones | tenths | hundredths |
|------|--------|------------|
| 2 | 0 | 3 |

What's the same? What's different?
Explain your answer.

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Activity 1:
Complete the tables, then compare the numbers using $<$, $>$ or $=$.

| ones | tenths | hundredths |
|------|-------------|------------|
| | 0.1 0.1 0.1 | 0.01 0.01 |

| ones | tenths | hundredths |
|------|---------|---------------------|
| | 0.1 0.1 | 0.01 0.01 0.01 0.01 |

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Activity 2:
Draw counters in the empty table to make the statement correct.

| ones | tenths | hundredths |
|------|--------|------------|
| | | |

$>$

| ones | tenths | hundredths |
|------|-------------|----------------|
| 1 | 0.1 0.1 0.1 | 0.01 0.01 0.01 |

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Activity 4:
Complete the statements by choosing an appropriate digit to fill the blanks.

0._3 $<$ 0.73

6.57 $>$ 6._7

3.3_ $<$ 3.3_

5._5 $<$ 5._5

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Activity 5:
Use each of the remaining digit cards once to complete the statement.
How many different solutions can you find?

$<$ 4.

0 1 2 3 5

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What do you notice? Explain.

Activity 6:

Select three digit cards from those provided to create the largest possible
number. Then, select three digit cards to create the smallest possible number.

smallest

| | | |
|--|--|--|
| | | |
| | | |

largest

| | | |
|--|--|--|
| | | |
| | | |



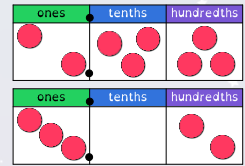
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Evaluation:



The top place value
chart has more
counters in more
places so is bigger.



Do you agree with Astrobee's statement?
Explain your answer fully.