Decimals to Thousandths

Read, write, and compare tiny parts



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Today we will...



WE ARE LEARNING TO

- Read and write decimals to thousandths
- Compare decimals by place value
- Order decimals least to greatest

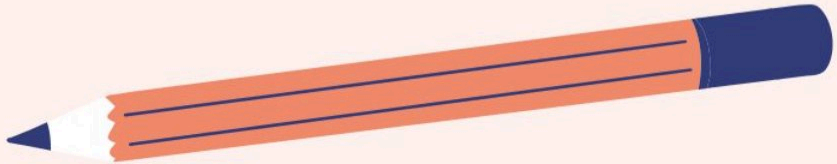
SUCCESS LOOKS LIKE

- ✔ I can read 3.472 correctly
- ✔ I can compare using < and >
- ✔ I can order four decimals

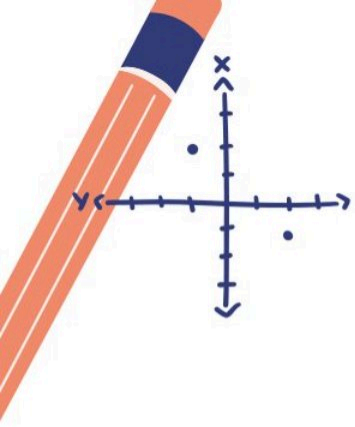
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How to compare decimals

1. Line up the decimal points
2. Fill empty spots with zeros
3. Compare digits left to right
4. Use <, > or = to show result



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Decimals are everywhere

- This scale shows 1.245 pounds. The 5 means five thousandths of a pound.

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Think, pair, share

Which is larger: 0.5 or 0.36? How do you know?



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Reading thousandths



▶ 0:00 – 4:50

- Listen for how to say thousandths
- Watch where each digit lives

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BIG IDEA

Longer is not larger — place value decides.

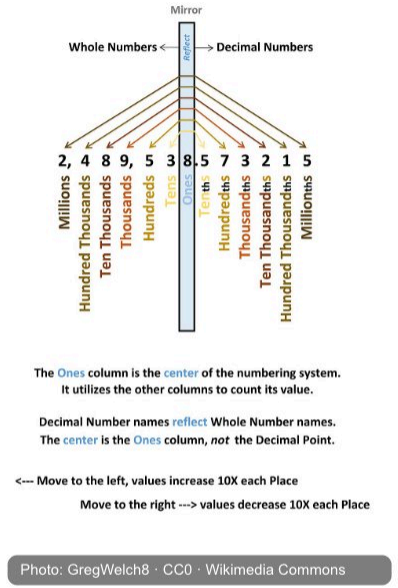
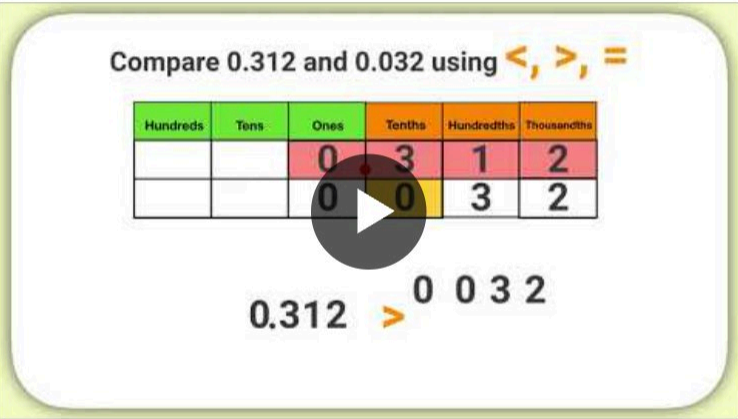


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Comparing to thousandths



▶ 0:00 — 4:50

- Watch lining up the points
- Spot when to add zeros

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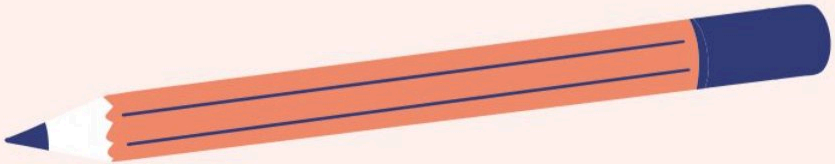
Your task

Order these race times fastest to slowest: 2.345, 2.43, 2.34, 2.4 seconds.

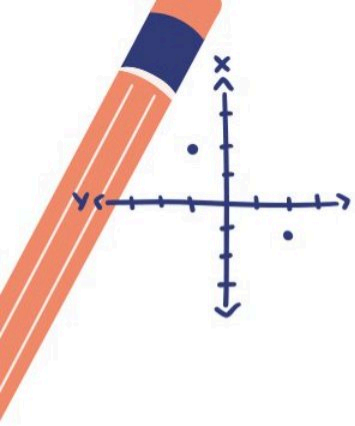
1. Line up points and add zeros
2. Compare tenths, then hundredths, then thousandths
3. Write them least to greatest

10 min

In pairs



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Key words

thousandth

One of 1,000 equal parts; third spot after the point

decimal point

Dot that splits whole numbers from parts

place value

What a digit is worth by its spot

compare

Decide which number is greater or less

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True or false?

0.5 > 0.36

1.3 = 1.30 = 1.300

2.345 is two point three four five.

0.157 < 0.146



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