Decimals to Thousandths

read, write and order numbers to 3 decimal places



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Today we will...

WE ARE LEARNING TO

Read and write decimals to 3 places

Order and compare thousandths by place value

SUCCESS LOOKS LIKE

- ✓ I can read 3.406 aloud correctly
- ✓ I can order decimals smallest to largest



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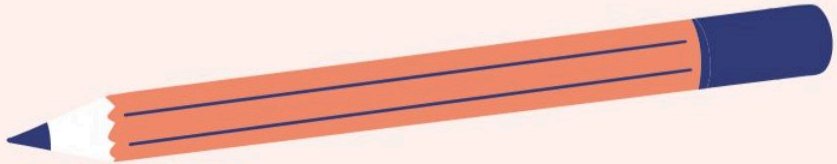
Decimals are everywhere

- Sprint times use decimals, like 12.345 seconds. Money in pounds and lengths in metres do too.



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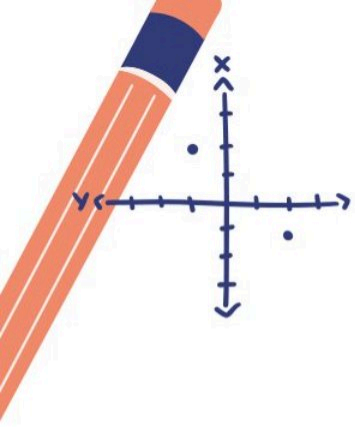

Line up to compare

1. Line up the decimal points neatly
2. Check ones, then tenths, then hundredths, then thousandths
3. Add zeros so lengths match, e.g. 2.5 = 2.500
4. Pick greater digit; order small to large

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Your favourite tool?

Which tool helps you most to compare decimals?

- **A** Place value table
- **B** Number line
- **C** Adding zeros
- **D** Saying it in words



Vote with your hands, then explain why.

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Meet the thousandths



▶ 0:00 – 4:30

- Watch where tenths sit after the point
- Listen for thousandths as tiny parts

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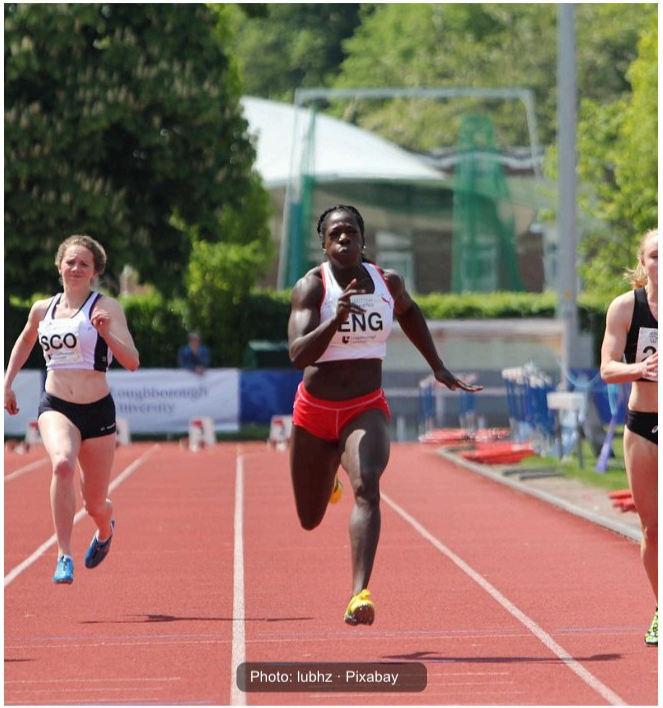
DID YOU KNOW?

A world record sprint was given as 9.58 seconds.

Time is measured as closely as possible, then rounded to hundredths.



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Sing the comparison



▶ 0:00 – 3:48

- Spot how singers line up points
- Copy the greater than and less than signs

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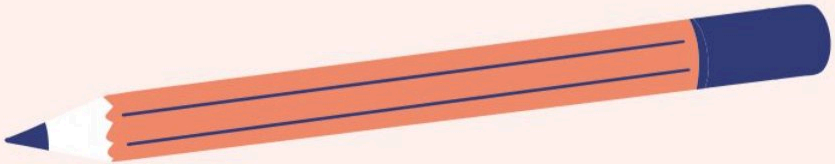
Your task

In pairs, order four sprint times and write each time in words.

1. Order 7.01, 7.008, 7.018 and 7.81 seconds
2. Write each in words, e.g. seven point zero one
3. Explain to your partner why the order is correct

10 min

In pairs



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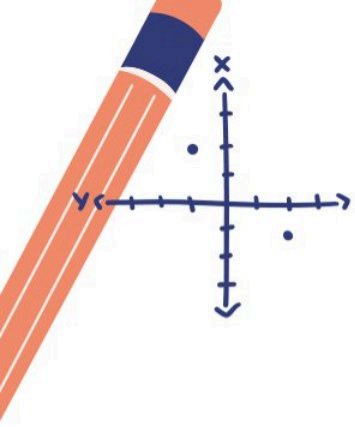

What we know

- tenths = 1st place
- thousandths = 3rd place
- zeros help compare

Decimals

- hundredths = 2nd place
- line up points
- say it to spell it

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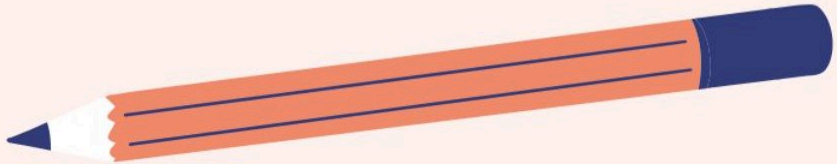
Think, pair, share

Is 2.5 bigger than 2.505? How can you prove it?



Quick quiz

1. Read aloud 4.207.
2. Which is larger: 3.65 or 3.605?
3. Order smallest first: 7.008, 7.01, 7.018
4. Write a number between 10.04 and 10.05.



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