Mind Mapping

An inquiry into decimals in the real world









How many times a day do you depend on decimals?

How long could you go without using decimals? A day, a week? a month?

What are some themes or concepts that require decimals frequently, i.e., shopping and prices

Can you think of a time in which decimals played an important role in something you were doing?

Chat about these questions with some classmates and jot down your thoughts in the box below.



Example



Here's an example of part of a mindmap of decimals in our everday life. You can see that you'll need to start with a 'big concept' such as measurements. Then, begin branching off. You can see that distance, cooking, and height were chosen as types of measurement that would normally have decimals used frequently. Can you think of anything else to add to measurement? There are some blanks for you to fill in below, but feel free to add circles or stems if you can think of more! When making your own mind map, try and find ways to connect your big concepts to one another. Make as many connections and webs as possible!



There are many different themes and concepts you can use your mind map with, such as:

- Shopping
- Conversions
- Recipes
- Time
- Currency exchange
- Sales and discounts
- Gasoline consumption in cars
- And many more!

Reflection



Look back at the page with your initial thoughts:

Have any of your answers changed?

When mind mapping, did you discover any daily uses of decimals that you normally don't think about?

Which theme or concept do you think relies on decimals the most? Why might this be?

What would happen to these themes or concepts without decimals? Are they always important?

