

WALT: estimate volume.

Please choose one sheet that will challenge you to complete.

1 = unsure 2 = I feel alright and 3 = confident.

If you start a sheet and it isn't challenging you, move to the next sheet.

1)

- 1) Parcel A has a volume of 350cm^3 .

Estimate the volume of Parcel B.



- 2) The capacity of this bottle is 1 litre.



Estimate the volume of liquid inside it.

- 3) Match the object to its estimated volume:



$15\ 000\text{cm}^3$



300cm^3



$160\ 000\text{cm}^3$

2)

- 1) Halle says, "I have a litre bottle of juice. I estimate that I'll have around 200ml left after I've had one drink."



Do you agree with her? Why?

- 2) I have 100 1cm cubes. Find 3 containers in your classroom which could hold them and estimate how many more cubes you would need to fill each container. Record your investigation in your book.

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3)

- 1) Class 5B have dug up a time capsule. They can see the top sticking out of the soil.



They measure the part they can see. The end is 40cm long and 50cm wide. Estimate the total volume of the time capsule. Explain your reasoning in your book.

- 2) Rhys says, "The taller the container, the larger the volume will be."

Is he correct? Prove it!

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