Add & Subtract Capacity Lesson 4

3

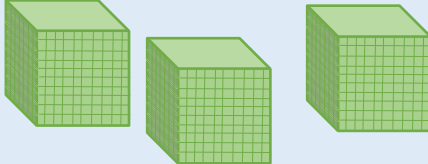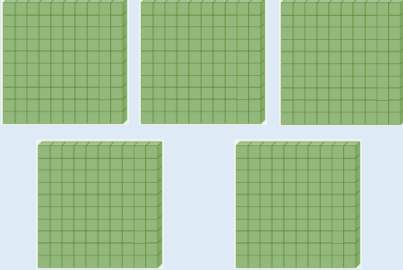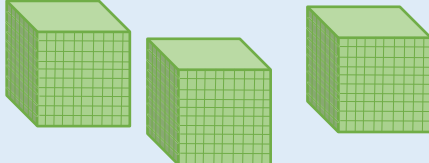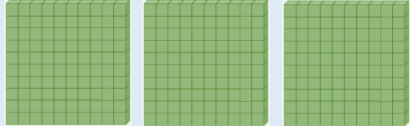Fluency Teaching Slides

Add & Subtract Capacity

Zach uses Base Ten and a place value chart to add 3L and 500ml and 3L and 300ml.

L	ml
6L	800 ml

How many litres are there in total?

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Add & Subtract Capacity

Use the same approach to calculate:

- 4L and 600ml + 2L and 100ml

- 6L and 300ml + 1L and 200ml

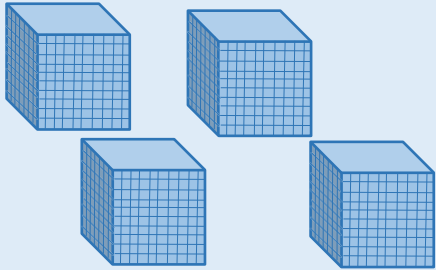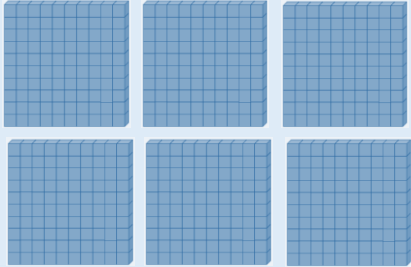| L	ml

How many litres are there in total?

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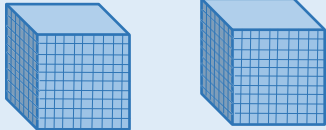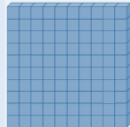
Add & SubtractCapacity
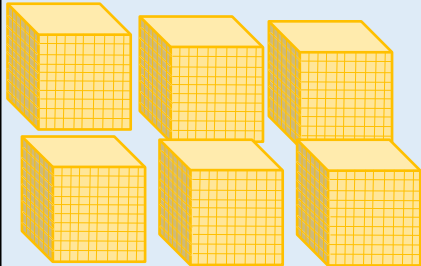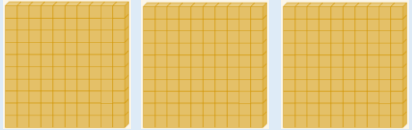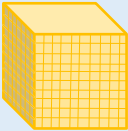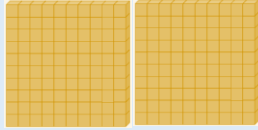
4L and 600ml + 2L and 100ml

L	ml
6L	700 ml

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Add & Subtract Capacity
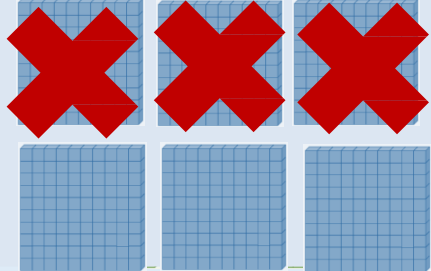
6L and 300ml + 1L and 200ml

L	ml
7L	500 ml

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Add & Subtract Capacity

Zach uses Base Ten and a place value chart to subtract 3L and 600ml and 1L and 300ml.

L	ml
2l	300ml

How many litres are there in total?

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Add & SubtractCapacity

Use the same approach to calculate:

- 4L and 700ml – 2L and 500ml

- 1L 800ml – 200ml

L	ml

How many litres are there in total?

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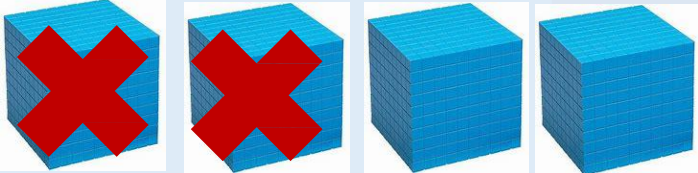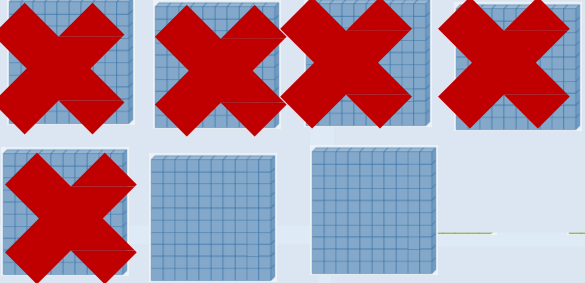
Add & Subtract Capacity

- 4L and 700ml – 2L and 500ml

L	ml
2l	200ml

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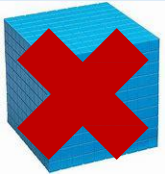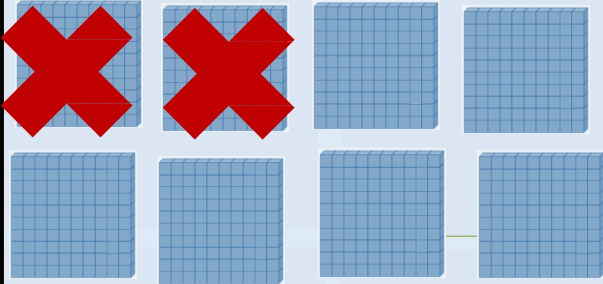
Add & Subtract Capacity

- 1L and 800ml – 200ml

L	ml
	600ml

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To make Summer Punch for 2 people:
300 ml of pineapple juice, 250 ml of orange juice,
500 ml of lemonade.

- How much liquid is used in total to make Summer Punch for 2 people?
- How much orange juice would be need to make enough for 4 people?
- Would a 1L bottle of lemonade be enough to make drinks for 6 people?

What methods can we used to add volumes?

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Add & Subtract Capacity

Tia has a record of how much milk she has in her café.
Work out how much milk is used for each order.

Amount of milk to start	Amount of milk used	Amount of milk left
2L and 430ml	1L and 100ml	
1L and 100ml		800ml
890ml	540ml	

What methods can we used to subtract volumes?

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Add & Subtract Capacity

Tia has a record of how much milk she has in her café. Work out how much milk is used for each order.

Amount of milk to start	Amount of milk used	Amount of milk left
2L and 430ml	1L and 100ml	1L and 230ml
1L and 100ml	300ml	800ml
890ml	540ml	350ml

? *What methods can we used to subtract volumes?*

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Add & Subtract Capacity

Leanna has a record of how much milk she has in her café. Work out how much milk is used for each order.

Amount of milk to start	Amount of milk used	Amount of milk left
2L and 330ml		1L and 300ml
1L and 800ml	750ml	
1L and 250ml		1L
1L		600ml

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Add & Subtract Capacity

Leanna has a record of how much milk she has in her café. Work out how much milk is used for each order.

Amount of milk to start	Amount of milk used	Amount of milk left
2L and 330ml	1L and 30ml	1L and 300ml
1L and 800ml	750ml	1L and 50ml
1L and 250ml	250ml	1L
1L	400ml	600ml

How many millitres are in one litre? How could I show this using concrete resources?

How many litres are there in total?
How many millilitres are there in total?

What methods can we use to add volumes and capacities?
What methods can we use to subtract volumes and capacities?

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