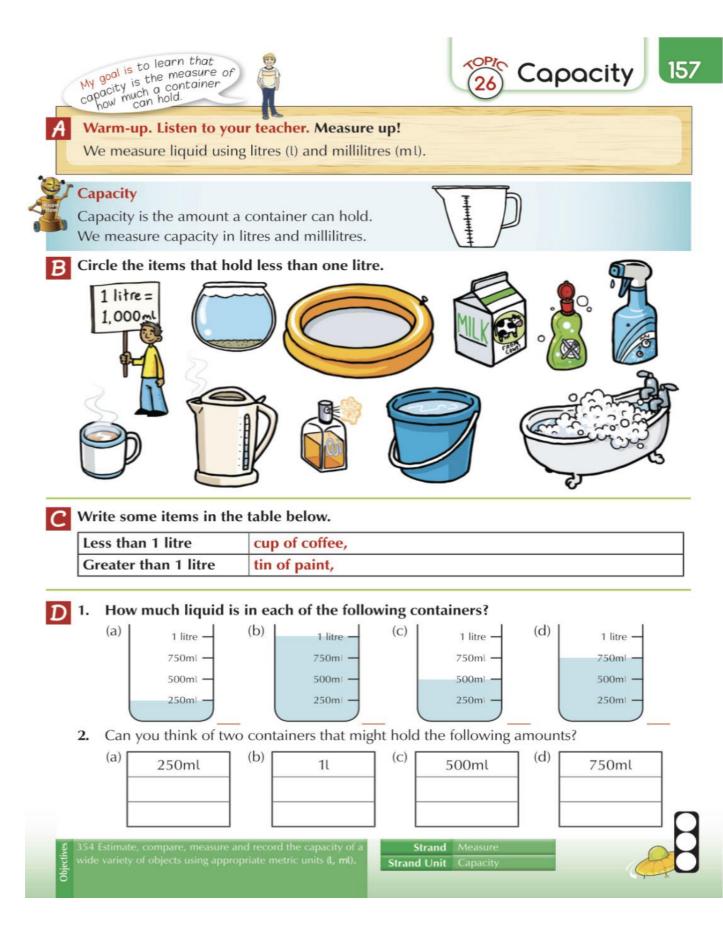
3rd Class Planet Maths: Capacity Chapter pg.157-161



Topic 26: Capacity

Think of six different containers. Estimate and measure the capacity of each.

Container	My estimate	Actual capacity	Difference			
1.						
2.						
3.						
4.						
5.						
6.						

3 Measuring.

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1. How many drops of water are needed to fill a spoon?

2. How many spoons of water would fill the egg cup?

- 3. Graham wants to drink 500ml of water. How many cups will he need to drink?
- 4. How many millilitres are in 3 egg cups?
- 5. How many drops of water are in the bottle of water?
- 6. How many egg cups are needed to fill the cup?
- 7. How many cups of water are needed to fill a 1 litre bottle?

Challenge 8. If you were to drink the recommended $1\frac{1}{2}$ litres of water a day, how many 500ml bottles of water would you need to drink?

9. Alan has ten 500ml bottles of water in his fridge. How many litres of water does he have altogether?

pair work

10. What fraction of a litre is the cup?

The wrong measuring jugs

Wallis and Ian are making a surprise cake **T** for their mother's birthday. They need to add **300ml** of milk but they only have jugs that measure **500ml** and **200ml**. Can you help them?

354 Estimate, compare, measure and record the capacity of a wide variety of objects using appropriate metric units (**I**, ml).

Strand Measure
Strand Unit Capacity

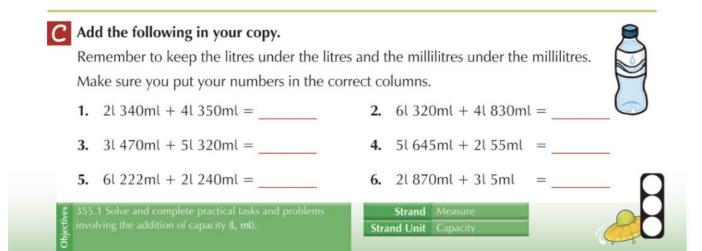
Topic 26: Capacity

A Look at the picture and answer the questions.



- 1. Sarah-Jane pours each of her 4 friends a glass of cola. How much does each glass hold if there is nothing left in the bottle?
- 2. How many glasses of lemonade can they pour from the bottle?
- 3. How many more glasses of orange than glasses of cola can they pour?
- 4. How many glasses of drink could they pour altogether?
- 5. If you gave each person 2 glasses of drink, how many people could come to the party?
- 6. If only 3 people were at the party, how many glasses of drink could they have?

B Ad	lding	litres.										Ex	ample
1.	ι	ml	2.	ι	ml	3.	ι	ml	4.	lr	nl		l ml
	2	230		4	300		5	350		6 1	50		3 736
	+ 1	240	-	+ 3	260	-	+ 2	200	_	+ 3 7	30	_+	- 2, 44,4 6 180
5.	ι	ml	6.	ι	ml	7.	ι	ml	8.	l r	nl	9.	l ml
	2	650		4	860		7	544		29	40		8 912
	+ 5	250	-	+ 3	140	-	+ 2	644	_	+ 6 2	260	_	+ 1 001



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Topic 26: Capacity

Add or subtract

1.	ι	ml	2. l	ml	3. ι	ml	4.	ml	5.	ι	ml
	4	485	6	540	10	350		642		9	358
	- 2	240	- 4	350	- 8	200	+ 1	721	+	6	439

6. 5l 342ml - 3l 251ml = **7.** 9l 456ml - 5l 148ml =

B A summer day

- Mum filled the paddling pool to half way. Then Tommy filled it to the top. He put 30 litres in. How many litres did it take to fill the pool?
- 2. Ciara jumped into the pool and 5 litres of water splashed over the edges. How much water was left in the pool?
- 3. Tommy ran inside to get a drink. He poured **150ml** of cordial into the jug and then filled the jug up to the top with **1l 350ml** of water. How much juice was in the jug?
- 4. Ciara poured herself a drink from the jug. Her glass held 250ml. How much was left in the jug?
- 5. Ciara filled a bucket with water to have a water fight. The bucket held 5 litres. She poured 4l 340ml over Tommy. How much was left in the bucket?
- 6. Tommy and Ciara decided to empty out the paddling pool using the bucket. How many times did they have to fill the bucket?

C Estimating with water.

- 1. How many litres do you think it takes to:
 - (a) fill a bath
- nk it takes to:
- (c) brush your teeth

pair wor

- (b) flush the toilet ____
- (d) take a shower
- (e) wash up after dinner or run the dishwasher (choose one) _
- 2. Approximately how many litres of water does a person use a day?
- 3. How can you reduce the amount of water used when brushing your teeth?

355.2 Solve and complete practical tasks and problems involving the subtraction of capacity (**1, ml**).

Strand Measure
Strand Unit Capacity

