

Fluency

1) Match the containers to their estimated capacity.



5,000 ml

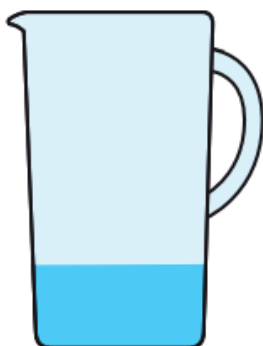
500 ml

5 ml

2) Dora has a small carton of juice. She pours the full carton of juice into a glass. Estimate the capacity of the glass in millilitres.



3) Teddy has a bottle of water. He pours the full bottle of water into a jug. Estimate the capacity of the jug. Give your answer in **both** millilitres and litres.



Problem Solving

4) Dexter is filling a beaker with sand. Estimate the capacity of one of the bags in millilitres.



So far I have poured five full bags of sand into the container.

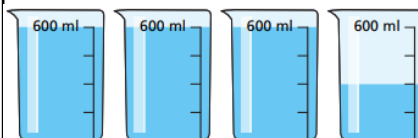


5) Whitney is estimating the capacity of a fish tank. She has 9 full bottles of water.



I used the water from 8 full bottles to fill the fish tank.

Whitney empties the 9th bottle into jugs to help her work out the capacity of the tank.



Estimate the capacity of the fish tank in litres.

Reasoning

6) Marianna estimates that she can pour 8 glasses of juice from her 850 ml bottle. Do you agree with her? Explain why.

7) Choose the most likely capacity for the bucket:



a) 12 litres. b) 500 millilitres
c) 120 litres d) 50 litres

Explain why you picked your option and why it could not have been any of the others.

8) Ian estimates that he can pour 6 cups of tea from his 550ml teapot. Do you agree with him and explain why you think this?



Mastery Challenge

What combination of these containers do you estimate would have a total capacity of 500ml? Explain your choices.

