

Name: _____ Date: _____

Rising water levels

Estimate and compare capacity on measuring jugs

You will need:

- 70 centicubes
- 1 litre measuring jar marked in 10 ml intervals
- water

Work with a partner.

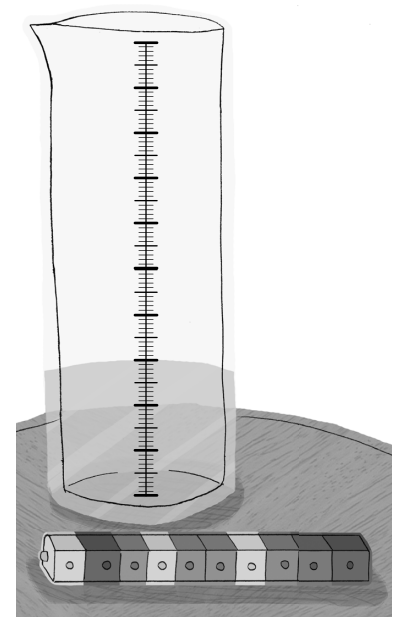
- 1 Fill the measuring jar to the 300 ml mark.
Estimate, then measure how far the water level will rise when you drop 10 centicubes into the water.

Estimate: ml Measurement: ml

- 2 Investigate how far the water level rises when multiples of 10 centicubes are dropped into the water.

Record your results in the table.

Start level	Cubes added	New level	Difference in ml
300 ml	10		
300 ml			
300 ml			
300 ml			
300 ml			
300 ml			



- 3 Calculate how many centicubes were dropped into the jar to give each new level of water.

Start level	New level	Difference in ml	Cubes added
250 ml	280 ml		
250 ml	310 ml		
250 ml	370 ml		
250 ml	400 ml		
250 ml	450 ml		
250 ml	500 ml		

