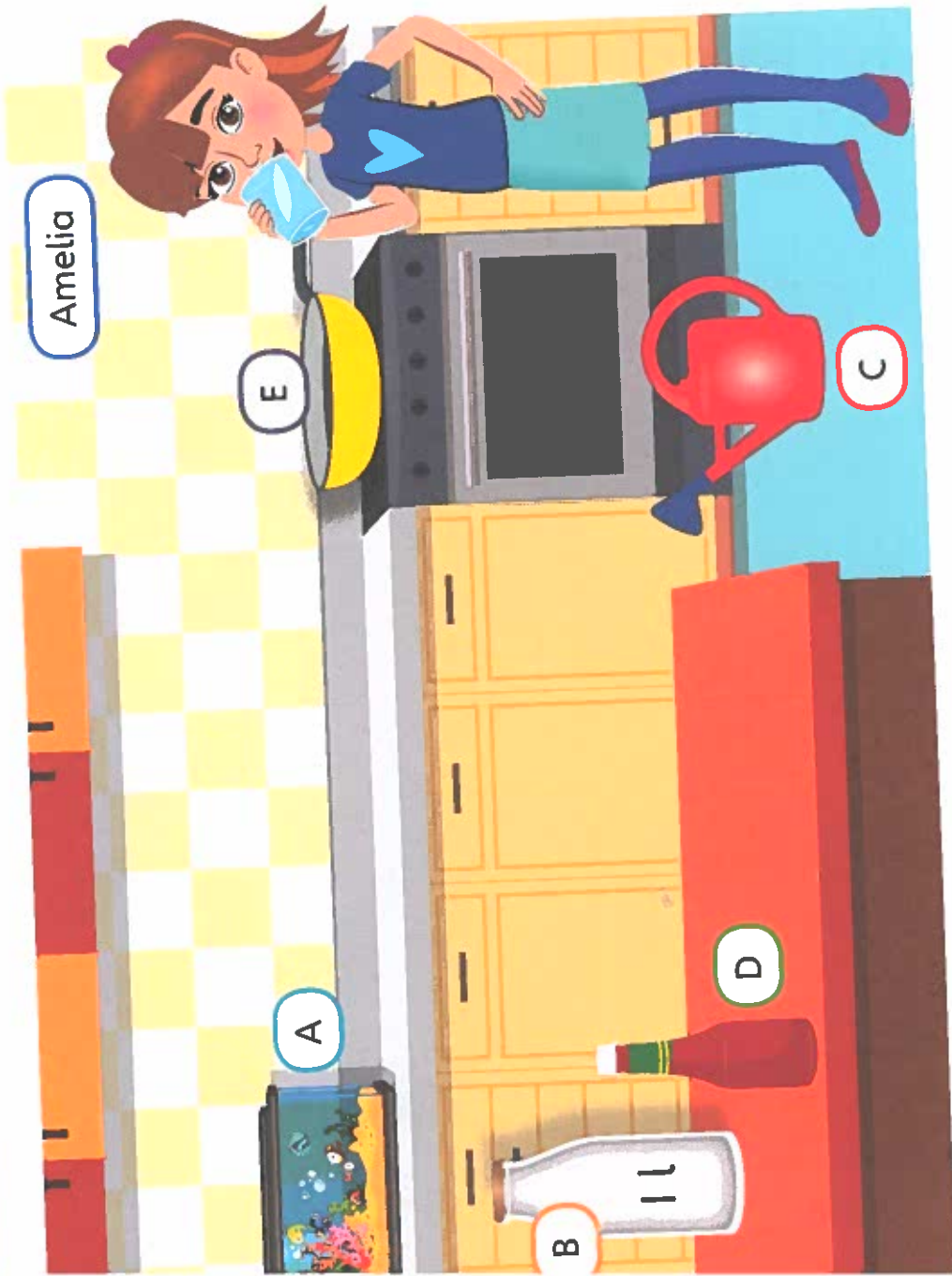


Estimating capacity

Discover



Amelia

- a) How much water do you estimate Amelia's glass will hold?
- b) There are five containers in the kitchen, labelled A to E. Put these containers in order, from the one with the smallest capacity to the one with the greatest capacity.

Share

a)

I know that a can of soft drink holds between 250 ml and 330 ml.



330 ml



The glass looks like it holds slightly less. I estimate it holds 200 ml of water.



You can estimate that the glass holds between 180 ml and 250 ml of water.

b)



There is a label on the milk. It says 1 l. This means 1 litre.



The ketchup bottle looks like it holds less than the milk bottle. It is not as wide or as tall.

The pan, watering can and fish tank hold more water than the milk bottle.

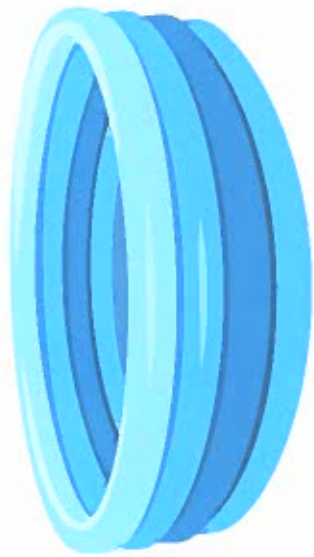


Smallest capacity ← → Greatest capacity

Think together

Choose the best estimate of the capacity of each of these items.

a)



b)



Capacity is how much a container can hold.

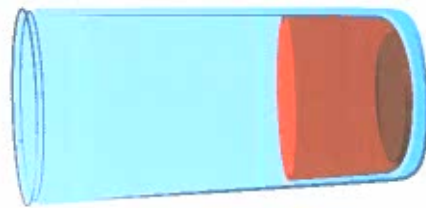


500 ml 2 ml 5 l 2 l 500 l 20 l

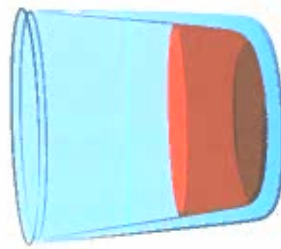
2 100 ml of juice has been poured into each glass.

Estimate the capacity of each glass.

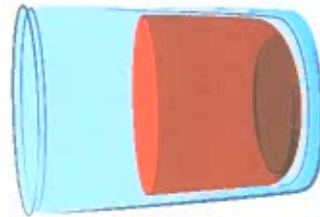
A



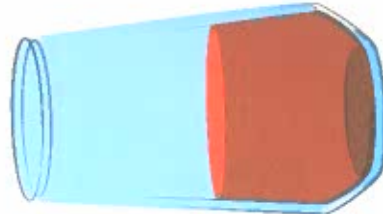
B



C



D



CHALLENGE

3 a) How can Danny measure the capacity of the colander?



Danny

I think there might be a way to use cubes to estimate.

I wonder if you could use rice or sand.



b) Discuss different methods for estimating the capacity of these containers accurately.

