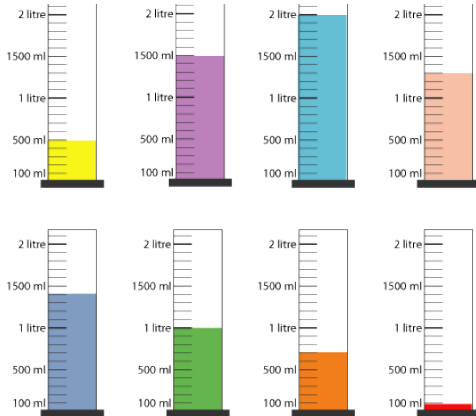


A group of eight children were measuring water using measuring cylinders. They coloured the water to make reading the scales easier. They lined up the cylinders in two neat rows, each labelled with a child's name and the amount they had measured out. Then Henry opened the window and the wind blew most of the labels onto the floor! Can you relabel the cylinders for them?



Andy had measured out just a thousand millilitres and Belinda twice as much as Andy. Grace had measured out three-quarters of the amount that Belinda had done and Fred had half the amount that Andy had measured out. Which were their cylinders? Callum had coloured his water blue. How much did he measure out? Ellie had coloured her water pink and Dan coloured his orange. How much did they measure out?

Discuss and Choose

This activity challenges you to decide on the 'best' number to use in each of the following statements. You may like to talk to someone else about what you're thinking. You may need to do some estimating, some calculating and some research.

- 1) There are roughly 10/500/1000 million domestic cats in the world.
- 2) On average, cats weigh 1.5/4.5/8 kg.
- 3) There are roughly 400/600/800 million domestic dogs in the world.
- 4) Adult elephants need to drink about 100/200/400 litres of water a day.
- 5) A giraffe's neck is about 120/170/220 cm long.
- 6) On average, male lions weigh 180/250/330 kg.



Challenge linked to Home Learning

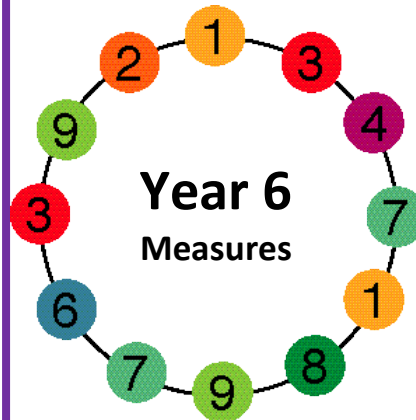
1. Research how large these African countries are in square miles:

-  Botswana
-  Cameroon
-  Egypt
-  Gambia
-  Libya
-  Seychelles
-  Uganda

Extra Challenge:

Research how big some other African countries are and write some of your own questions about them.

2. Which one is the largest? The smallest?
3. What is the difference between the largest and the smallest country?
4. How big is Egypt compared to the UK?



A class wants to investigate how much chocolate is eaten in 1 day (by people in their class). 12 people eat 25g of chocolate, 7 people eat 35g of chocolate and 9 people eat 50g of chocolate. How many grams of chocolate have been eaten in one day?



Websites/Games/Useful Links

<https://www.bbc.co.uk/bitesize/topics/zcpnb9g>

<https://www.transum.org/Maths/Activity/Reading/Scales/Default.asp?Level=5>

