



David's Daily Dilemma

As David can't come in this year to help with maths revision, he has agreed to set you a daily maths challenge.

Here are the answers for week four.

Challenge 14 –

Harry was three times Julie's age when she was 8, and Harry was 24, **this is because there's always 16 years between their ages so you need Julie to be the age when Harry was both 3 times her age and 16 years older, which is when she's 8 (this one was probably a bit too difficult, sorry!)**..

Challenge 15 –

Harry Smith

Jane James

Stephen Gonzales

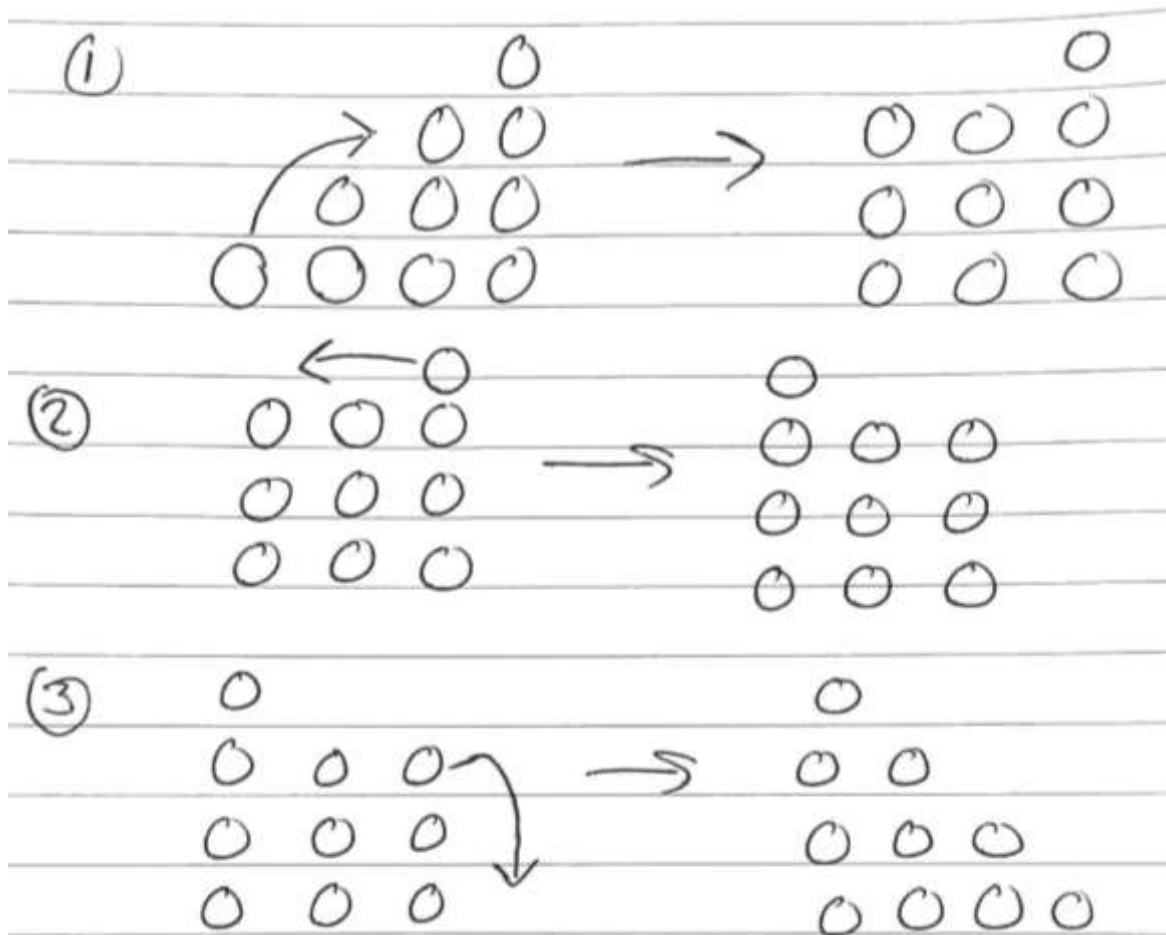
Rosie Lee

This is a type of problem called a logic puzzle, the easiest way to solve this is to fill in all the information we know in a table like this:

	James	Gonzales	Smith	Lee
Harry	No	No		No
Stephen				
Jane		No		No
Rosie		No		

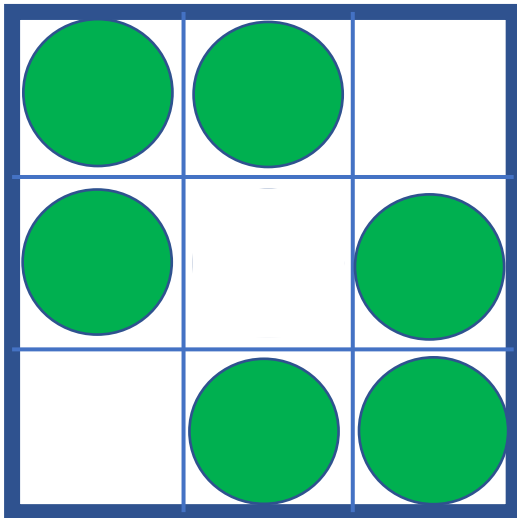
We can see that the only surname Harry can have is Smith and the only option for Gonzales is Stephen, Jane could have had the surname Smith or James based on her clues but Smith is already taken by Harry so it must be Jane James. Lee is the only option left for Rosie.

Challenge 16 –



I'm sure that there are other ways to do it but this was the method I came up with.

Challenge 17 –



6 is the highest number of counters without getting a three in a row.