

Erik is making buns for 12 people. He follows this recipe for 6 people.

- 65g caster sugar
- 70g butter
- 60g self-raising flour
- 1 egg

Sugar, butter and flour are all sold in 200g packs. Work out how much he will have left over of each.

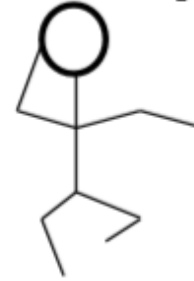
Does he have enough to make 6 more buns? 4 buns? 2 buns?



$$\begin{aligned} \text{Blue Monster} + \text{Blue Monster} + \text{Blue Monster} &= 54 \\ \text{Raccoon} \times \text{Blue Monster} + \text{Raccoon} &= 100 \\ \text{Green Monster} + \text{Green Monster} \times \text{Raccoon} &= 168 \\ \text{Raccoon} + \text{Green Monster} \times \text{Blue Monster} &= ? \end{aligned}$$



Draw different stick men with two arms and two legs. How many different ways can you do where the arms and legs are different sized angles (including greater than and less than a right angle)?



For each drawing write how many greater and/or less than angles there are e.g.  
2 angles less than a right angle  
2 angles greater than a right angle

### Sort the socks!

Start with three pairs of socks. Now mix them up so that no mismatched pair is the same as another mismatched pair.



Now try it with four pairs of socks. Is there more than one way to do it?


**Sudoku:** Each column, row and box has 1 to 9

5			8	6			1
	2	7		1	6		
7	1				2	5	
9	1		2			7	
3			1	4	5		6
	6		9			2	4
	5	3				4	6
		8	9		3	5	
2			5	1			7


Use the clues to find the missing digits.



- The thousands and tens digit multiply together to make 24.
- The hundreds and tens digit have a digit total of 9.
- The ones digit is double the thousands digit. The whole number has a digit total of 18.



I have 42 stickers



I have 60 stickers

Mo gives Alex some stickers. They now have the same number of stickers.

How many stickers does Mo give Alex?