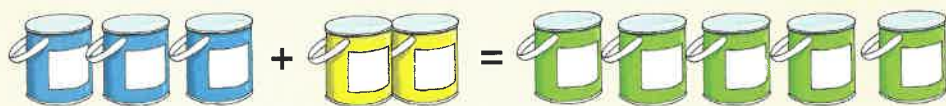


**Solve the word problems.**



- 1 How many tins of yellow paint are needed to make 10 tins of green paint?
- 2 How many tins of blue paint are needed to make 25 tins of green paint?
- 3 You have lots of tins of yellow paint but only 9 tins of blue paint. How many tins of green paint can you make?



- 4 These are the ingredients for six pieces of shortbread. How much of the ingredients would be needed to make 12 pieces of shortbread?
- 5 How much of the ingredients would be needed to make 9 pieces?
- 6 Sarah uses 900 g of flour. How much butter and sugar should she use?
- 7 Poor Cat tried to make 15 pieces of shortbread. She used 800 g of flour, 600 g of butter and 250 g of sugar. How much should she have used?



- 8 A smoothie is made with 10 strawberries, 15 raspberries and 100 ml of apple juice. If Jarek uses 20 strawberries, how much of the other ingredients does he need?



Some purple paint has a ratio of 4 parts blue to 7 parts red. If Dad decides it is too bluish, what ratio can he try? How much red would he then need if he uses 300 ml of blue?

**I am confident with solving word problems involving ratio.**