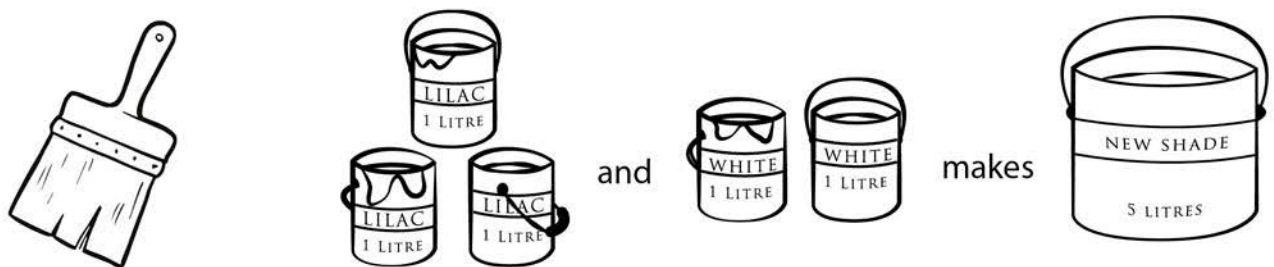


Solve problems involving the relative size of quantities using multiplication and division

1 In a packet there are **42** biscuits. There are **4** plain biscuits to every **2** chocolate. How many chocolate biscuits are in the packet?

2 Steph shares **20** sweets. She gives **4** sweets to Winston for every **1** she keeps. How many sweets does she give to Winston?

3 Deano, the decorator, is making a new shade of paint. He mixes lilac and white, as shown in the diagram, to get the new shade.



Next, Deano makes 15 litres of the new shade. How many one litre tins of each colour does he use? lilac and white

4 There are **7** footballs to every **4** rugby balls. There are **28** rugby balls. How many balls are there in total?

5 Complete the table to show the amounts needed to make fruit juice for **4** and **9** people.

	Lemonade (ml)	Orange juice (ml)	Lime juice (ml)	Water (ml)
5 people	400	350	150	500
4 people				
9 people				