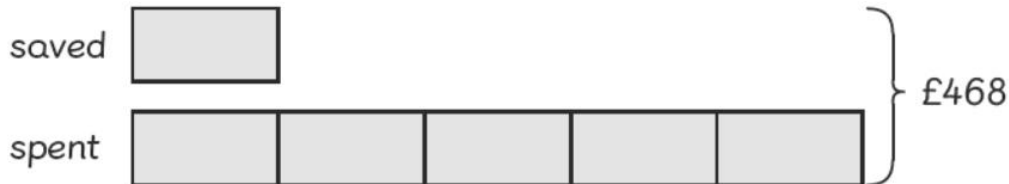


Worksheet 7

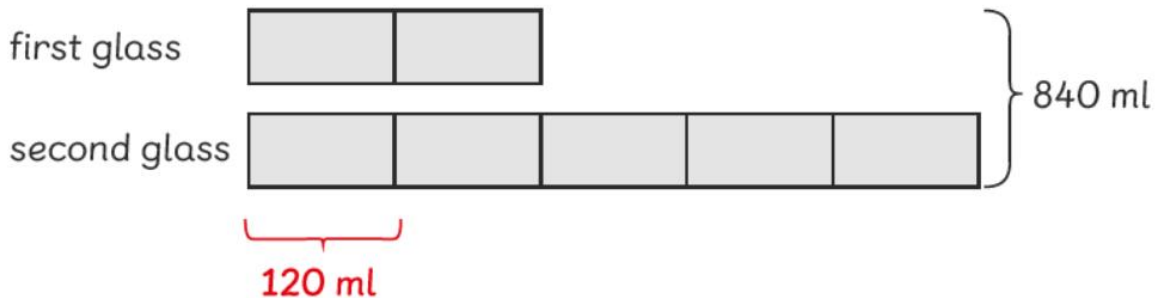
Solving Word Problems

- 1 Sam had £468. He spent some of it and saved the rest. The ratio of the amount he spent to the amount he saved is 5 : 1. How much did Sam spend?



He spent £390

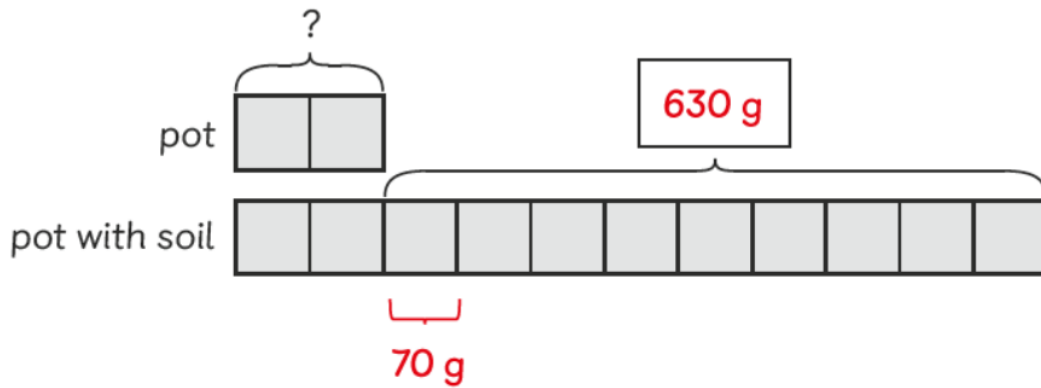
- 2 A jar contains 840 ml of water. All the water in the jar is poured into two glasses so that the ratio of the volume of water in the first glass to that in the second glass is 2 : 5. How much water is there in each glass?



First glass = 240 ml

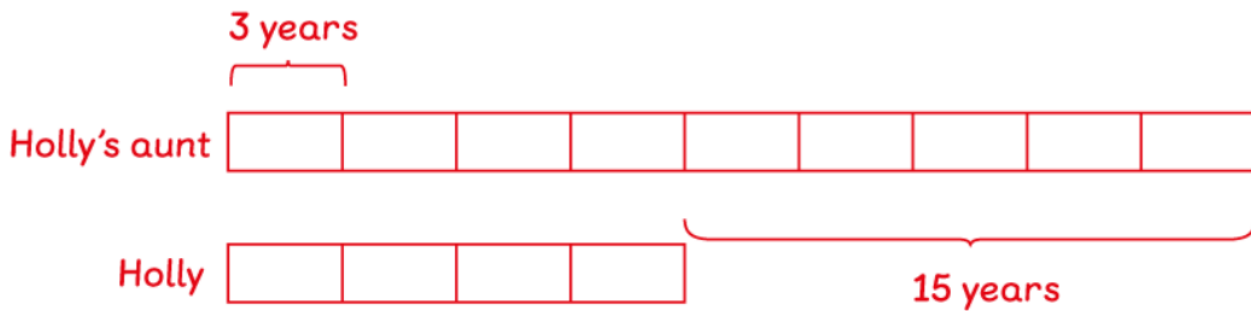
Second glass = 600 ml

- 3 The ratio of the mass of an empty pot to the mass of the same pot filled with soil is 2 : 11. The mass of the soil in the pot is 630 g. What is the mass of the pot?



The mass of the pot is 140 g.

- 4 The ratio of Holly's age to that of her aunt is 4 : 9. When Holly was born, her aunt was 15 years old. How old is Holly's aunt now?



Holly's aunt is 27 years old.