

ACTION

RESPONSE

Below is the ratio of product a to product b in different recipes. For each question write product a as a fraction of the total recipe.

Fluency



1. 3 : 5

4. 5 : 6

7. 11 : 3

2. 4 : 7

5. 1 : 3

8. 7 : 3

3. 2 : 9

6. 2 : 5

9. 9 : 4

Reasoning



At a zoo, elephant, lions and chimpanzees are given different portions of feed. In the ratio 10:7:3. What fraction of the total is given to each animal?

A chocolate cake recipe is 125g sugar, 150g flour, 100g butter and 175g chocolate. What fraction of the cake is each ingredient?

Problem Solving



James and Freddie share some sweets in the ratio 5 : 6. James gains 2 more sweets and now the ratio is 7 : 8. How many sweets did each have initially?

The ratio of dogs to cats at a sanctuary is 4 : 9. In a year 10 extra cats arrive and the ratio is now 2 : 3. How many of each were there initially?



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