

Examples



Workout

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Question 1: A bag contains yellow and blue blocks in the ratio 1:3
There are 8 more blue blocks than yellow blocks.
(a) How many yellow blocks are there?
(b) How many blue blocks are there?

Question 2: The ratio of boys to girls in a class is 2:3
There are 6 more girls than boys in the class.
How many girls are in the class?

Question 3: Thomas and Emma share some money in the ratio 3:5
Emma receives £30 more than Thomas.
(a) How much money does Emma receive?
(b) How much money does Thomas receive?

Question 4: In a survey, the ratio of the number of people who preferred tea to those who preferred coffee was 9:5
36 more people preferred tea to coffee.
How many people were in the survey?

Question 5: The ratio of Mollie's age to Heather's age is 4:9
Heather is 40 years older than Mollie
How old is Mollie?

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Question 1: A box contains red, purple and green beads in the ratio 4:6:7
There are 1428 more green beads than red beads.
How many green beads are in the box?

Answers



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