

Homework sheet: Wafers

Exercise 1

I am learning to find fractions of lengths, including seeing when a fraction is greater than one.

Alistair missed the teaching lesson on Wafers.

- Write an explanation of how you would solve the following problem so that Alistair will understand how to solve problems like this:

Five people are given four bags of popcorn to share equally between them. How much of a bag of popcorn will each person get?

Jane and Alistair are checking their answers with each other, and they have both got different answers for this question:

Two people need to share three bags of popcorn equally between them. How many bags of popcorn would each person get?

Jane thinks the answer is two thirds, and Alistair thinks the answer is one and a half.

- Who is correct?
- Explain why.

Homework Sheet Wafers: Answers

Exercise 1

1. Each bag of popcorn needs to be split into five equal bits. So altogether there are twenty bits. Then share the twenty bits between the five people. Each person will get four bits each. Since each bit is one-fifth, each person gets four-fifths of a bag of popcorn.
2. Alistair is correct. Because there are two people, split each bag into two halves. That will give six bits altogether. Each person gets three halves. So each person gets one and a half bags of popcorn.