Just Right

Activity

Tiana has broken her leg while staying with her cousins, Terry and Tracey. Their mother has asked them to make Tiana a drink when she needs one. Tiana likes her drinks more strongly flavoured than Terry but not quite as strong as Tracey.



Here are the girls' own recipes for milkshakes. How can they make one that is just right for Tiana?

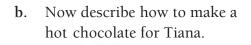
MilcShake Teny: 4 tablespoons of flavoured powder to 250 millilitres of milk Tracey: 6 tablespoons of flavoured powder to 300 millilitres of milk

Let's start by comparing the amount of milk used for each tablespoon of powder.

a. Using their own recipes as a guide, describe how the girls can make an orange drink that is just right for Tiana.



Tracey: 1 part orange cordial to 5 parts water



Hot chocolate

Terry: $\frac{3}{4}$ of a glass of hot milk and 6 teaspoons of powder

Tracey: $\frac{1}{2}$ a glass of hot milk and 5 teaspoons of powder

Finding a proportion between two other proportions