Mathematics

Proportion problems
Solve problems involving the relative size of two quantities

Independent Task

Miss Parsons

Question 1

Ronaldo is making his own ice cream.

To make his ice cream he needs:

400 ml cream
500 ml milk
4 egg yolks
120 g chocolate
100 g sugar

Ronaldo has only 300 ml of cream to make the ice cream.

How much of each ingredient should he use?

Help Jannah make two pies using her mother's recipe.

Makes 80 pumpkin pies

10 dozen eggs
27 litres of condensed milk
480 tablespoons of sugar
100 teaspoons of cinnamon
140 cups of pumpkin

Hint: a dozen = 12

NRICH Maths

Tasnia has a recipe for buttercream icing.

To ice six cakes, she needs:
285 g butter
570 g icing sugar
3 tablespoons of milk

For a party, Tasnia has to ice ten cakes.

What quantity of each ingredient will she need?

This is Novie's recipe for breakfast:

50 g of oats
30 g of raisins
40 g of nuts

If she uses 125 g of oats, what other quantities does she need?