# Accelerating Progress: mathematics Example of scaling recipes



Name Challenge ref. 3A1

Here is a recipe for a basic cake. As the number of eggs changes, the quantity of the other ingredients needs to change in proportion. Work out how much of each ingredient you will need in each cake.



## Basic cake recipe

4 eggs

225g self-raising flour

225g butter

225g sugar

100g raisins



### Basic cake recipe

1	eggs
	self-raising flour
	butter
	sugar
	raisins



### Basic cake recipe

3	eggs
	self-raising flour
	butter
	sugar
	raisins



#### Basic cake recipe

6	eggs
	self-raising flour
	butter
	sugar
	raisins