

Learner 4 - GI 2, 3 4 and 7

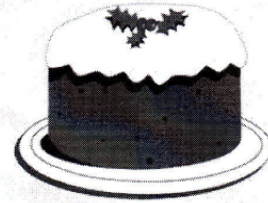
Meets requirements for addition, multiplication, integers and fractions

Mrs Howard's Fruit Cake

Jane found the following list of ingredients for a fruit cake in one of her Mothers recipe books:

Dried fruit
 435 g sultanas
 170 g raisins
 50 g glacé cherries
 50 g mixed peel

$\frac{1}{4}$ cup brandy
 125 g butter
 $\frac{3}{4}$ cup brown sugar
 $\frac{1}{2}$ tsp grated orange rind
 $\frac{1}{2}$ tsp vanilla essence
 1 Tbsp marmalade
 2 eggs
 $1\frac{1}{4}$ cups plain flour
 $\frac{1}{2}$ tsp mixed spice



For Christmas she decides to double the recipe to make a larger cake. Write down the ingredients Jane will need for the larger cake.

Dried fruit
~~435g~~ sultanas (1)
~~170g~~ raisins (1)
~~50g~~ glacé cherries
~~50g~~ mixed peel
 $\frac{1}{2}$ c brandy
~~125g~~ butter (2)
 ~~$\frac{3}{4}$ c~~ brown sugar
~~1 tsp~~ grated orange rind
~~1 tsp~~ vanilla essence
~~1 Tbsp~~ marmalade
~~2~~ eggs
 ~~$1\frac{1}{4}$ c~~ plain flour (2)
 ~~$\frac{1}{2}$ tsp~~ mixed spice

Jane decides to buy mixed fruit from the bulk bins at the supermarket rather than follow the recipe exactly.

What weight of mixed fruit will Jane need to buy?

$$870 + 340 + 100 + 100 = 1410g \quad (3)$$

Jane doesn't have accurate measuring cups for the flour and brown sugar so decides to use her scales to weigh the flour and sugar. She looks on the internet and finds a cup of flour will weigh 120 grams. What weight of flour does she need for her cake?

$$1 \text{ cup} = 120g$$

$$2\frac{1}{2} \text{ cups flour so } 2\frac{1}{2} \times 120 = 300g \quad (4)$$