

Terrific Treats



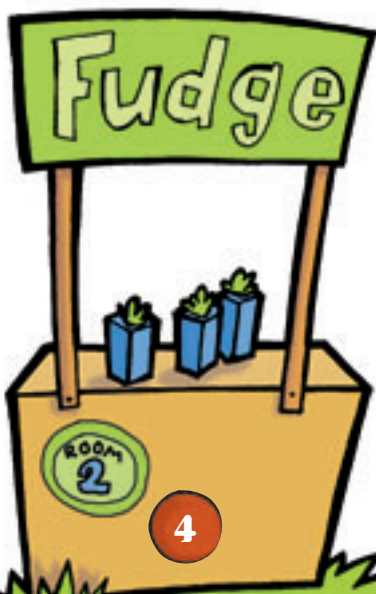
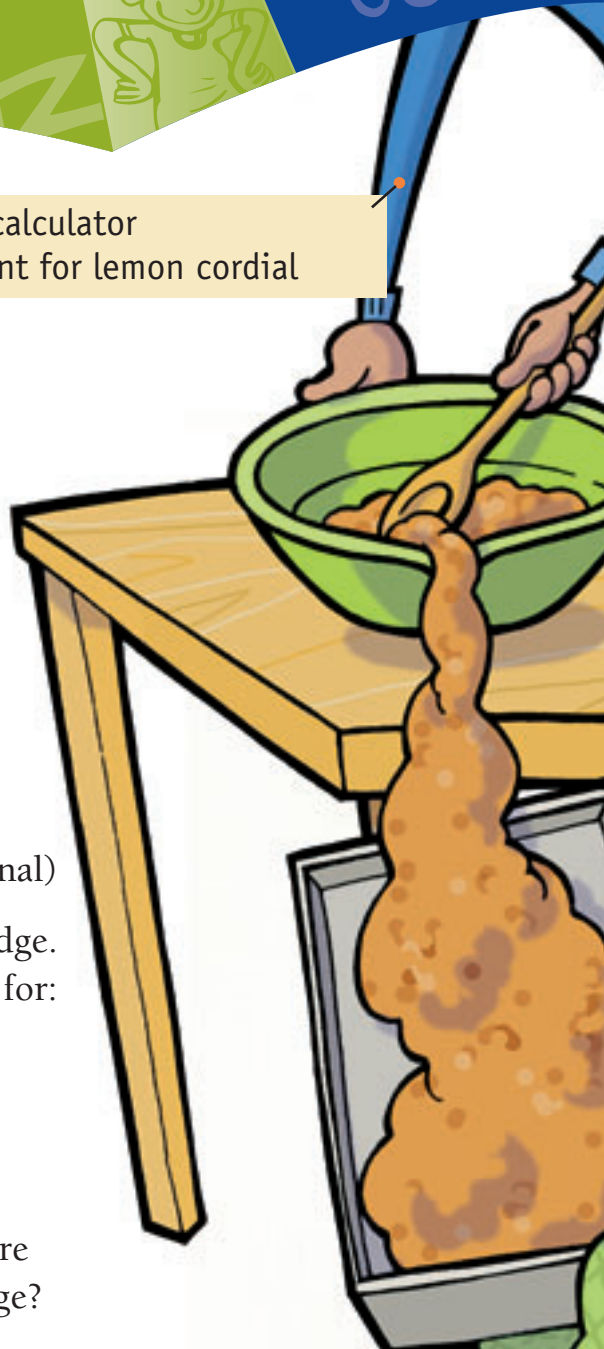
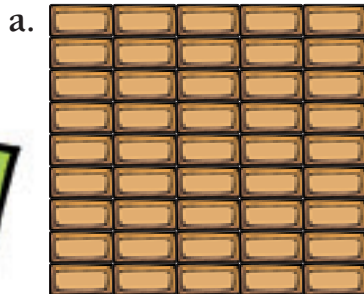
You need a classmate a calculator
 the ingredients and equipment for lemon cordial

Activity One

Room 2 are making fudge. They are using Mikala's mother's recipe. Here are the ingredients:

- 2 tablespoons golden syrup
- 100 grams butter
- $1\frac{1}{2}$ cups packed brown sugar
- 1 can sweetened condensed milk
- 1 teaspoon vanilla essence
- 75 grams dark chocolate
- $1\frac{1}{2}$ cups chopped nuts, coconut, or dried fruit (optional)

1. This recipe is enough for about six boxes of fudge. How much of each ingredient would you need for:
 - a. 12 boxes?
 - b. 120 boxes?
2. The fudge in these tins has been cut up. Can you work out how many pieces of fudge are in each tin without counting each piece of fudge?



Activity Two



Lemon Cordial

2 kilograms sugar
2 litres water
grated rind of 7 lemons
juice of 7 lemons
25 grams citric acid
25 grams tartaric acid
25 grams epsom salts



a large saucepan
a sieve
a wooden spoon
a funnel
clean bottles and tops
measuring equipment

Room 3 are making yummy lemon cordial to sell at the gala.

1. With your teacher, follow the method below to make the lemon cordial.
 - Put the sugar, water, and lemon rind in the saucepan and bring the mixture to the boil, stirring constantly.
 - Remove from the heat and add all the other ingredients. Stir until the acids and epsom salts dissolve.
 - Leave to cool.
 - Strain the cordial through a sieve.
 - Pour it into bottles and put the tops on.
 - Store the bottles in a cool place.

2. On the day of the gala, Room 3 will make up the drink by mixing the cordial with water. They put the made-up drink in some 750 millilitre bottles and some 1.5 litre bottles. A glass holds 250 millilitres.

Use a calculator to work out how many glasses of drink they will get from:

- a. two 750 millilitre bottles.
- b. ten 750 millilitre bottles.
- c. sixteen 750 millilitre bottles.
- d. three 1.5 litre bottles.
- e. fifteen 1.5 litre bottles.
- f. one hundred 1.5 litre bottles.

