Now try this!

Exercise 3

Convert the following:

2 kg to t

650 g to mg

8 g to kg

4,2 tons to kg

6,21 g to t

3,1 mg to g 10. 82,7 mg to kg

50 t to g

5 000 g to kg

0,001 kg to g

Now try this!

- A recipe calls for 300 g of sugar per batch of rusks. If Sally wants to make four and a half batches of rusks, how much sugar must she use? Give your answer in kilograms.
- A one kilogram packet of potatoes costs R11,99. Determine the cost per gram of potatoes.
- 3. Which item is the heaviest?
 - Item A: 3 456 mg
 Item B: 0,002 kg
 Item C: 1,345 g

Test your understanding



- 1. How many grams are there in 4 kg?
- 2. How many kg are there in 8,67 mg?
- 3. Convert 35 tons to grams.
- Apples cost R8,99 per kilogram.
 - 4.1 How much would 2 300 g of apples cost?
 - 4.2 What would the weight of R15's worth of apples be?
- 5. A cake recipe calls for 0,8 kg of flour, 650 g of sugar and 900 000 mg of butter.
 - 5.1 Determine the total mass of these ingredients. Give your answer in kilograms.
 - 5.2 If you have a 0,5 kg block of butter, will you have enough butter for the recipe? Show all calculations to justify your answer.
 - 5.3 If sugar comes in 150 g bags at a cost of R5,95 per 150 g bag, determine the total cost of the sugar needed for this recipe.
- 6. You are about to go on holiday and only have your small bathroom scale to help you weigh your luggage. You decide to weigh yourself first and then to weigh yourself together with your suitcase. The scale reading with just you is 65 kg. The reading together with the suitcase is 103 kg. Do you need to remove or add a few items if the airline's maximum weight allowance is 35 kg?