Unit 3, Week 3, Lesson 1

Recording mass using decimal notation

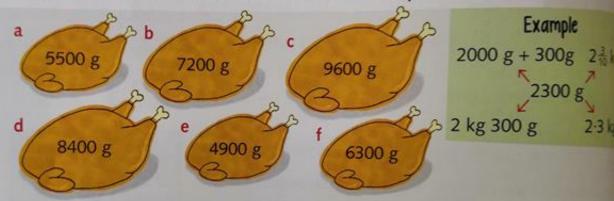
Record metric units for mass using decimals

Write each mass in kilograms and grams.

a 2500 g b 3100 g c 5700 g d 2900 g

Example 4600 g = 4 kg 600

1 Write the mass of each chicken in four different ways.



2 Write each mass in grams.

a 6.4 kg b 8.5 kg c 5.7 kg

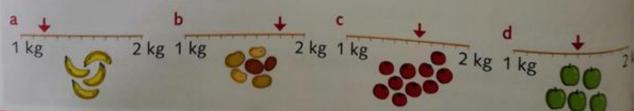
d 13.1 kg e 22.9 kg f 17.6 kg

Example

7.2 kg = 7000 g + 200 g

= 7200 g

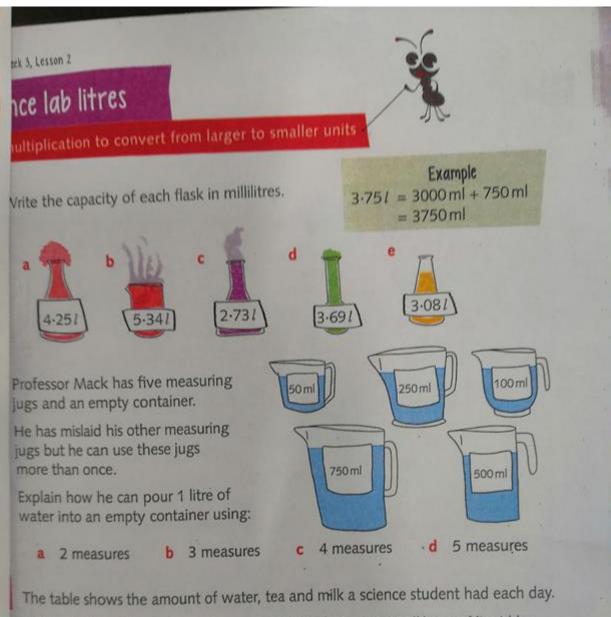
3 Write the weights shown on these scales.



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Look at the scales in Challenge 2, Question 3. Find the approximate mass in grams

- 1 banana
- b 1 potato
- 1 tomato
- 1 apple



The table shows the amount of water, tea and milk a science student had each day.

Use the information in the pictures to work out how many millilitres of liquid he drank each day.

Day	Bottles of water	Mugs of tea	Small cartons of milk
Monday	3	2	1
Tuesday	2	3	2
Wednesday	. 1	4	3
Thursday	3	3	4
Friday	2	1	5



Unit 6, Week 3, Lesson 3

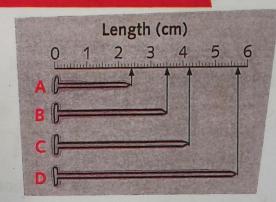
Fixing the fence in metres

Estimate and compare length and round numbers using measuring tapes



Write the length shown by each nail:

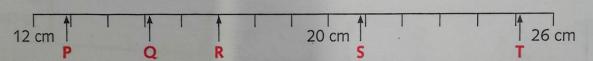
- a in millimetres
- b to the nearest centimetre



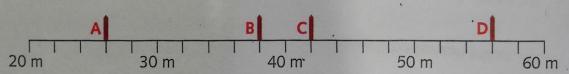
hallenge 2

1 Round the length shown by each arrow:

a to the nearest centimetre b to the nearest 10 centimetres



- 2 Estimate then work out in metres the distance between:
 - a posts A and C
- **b** posts B and D
- c posts A and D



3 The table shows the length of one roll of Farmer Fraser's wire mesh. Copy and complete the table for his rolls of wire mesh with these lengths:

Length of roll	Rounded to nearest:		
of wire mesh	10 cm	metre	
A 472 cm	470 cm	5 m	
В		No. of Contract of	

- **B** 274 cm
- C 742 cm
 - D 427 cm E
- 724 cm ` F
 - 247 cm

allenge

Farmer Fraser needs exactly 12 m of wire mesh to complete his fence. He wants to finish the job without wasting too much of his stock of wire mesh. Which three rolls from his stock of wire mesh should he use? Give a reason for your answer.