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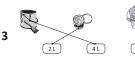
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Series Author:

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Pages 1-2

- 1 Answers will vary.
- **2a** 5
- **b** 2
- **c** 3
- **d** 1
- **e** 12
- **f** 20
- g 7
- **h** 9
- i 4

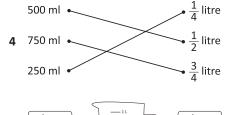




- 4 Answers will vary.
- 5a 5 litres
- **b** 15 litres
- c 50 litres
- d 25 litres
- e 25 litres
- 6 501+401+301+501+251+4001 = 5951

Pages 3-4

- **1a** 15
- **b** 26
- **c** 500
- **d** 1000
- **e** 50
- **f** 30
- **2** 7; 3; 5; 1; 4; 2; 6
- 3a 250 ml, 750 ml
- **b** 330 ml, 670 ml
- c 500 ml, 500 ml
- d 285 ml, 715 ml



- 5 3 litre 200 ml 4 litre 200 ml 1 li
- 6a 200; 700; 500







Page 5

- **1a** 12
- **b** 8
- **c** 11
- **d** 22
- **2** 7

Page 6

What to do

Answers will vary.

What to do next

Possible answer:

You can get a bowl of water and stand it in a larger container. Put peanut butter into the bowl. When a cup of water has overflowed, you know you have a cup of peanut butter.

Page 7

What to do

- 1. First, fill the 5 litre jug. The 3 litre jug is empty.
- 2. Then fill the 3 litre jug from the 5 litre jug.
- 3. Now there are 2 litres left. Empty the 3 litre jug and pour the 2 litres into the 3 litre jug.
- 4. Fill the 5 litre jug and pour 1 litre from it into the 3 litre jug, filling the 3 litre jug.
- 5. There are 4 litres remaining in the 5 litre jug. We have solved the problem.

Page 8

- 1. Pour in 4 litres, 2 litres, and 3 litres = 9 litres.
- 2. Fill the 3 litre jug.
- 3. Then pour the 3 litres into the 2 litre jug to get the 1 litre.

Page 9

- 1 Observe students.
- 2a 950 g
- **b** 1 kg 700 g
- **c** 600 g
- **d** 1 kg 850 g
- 3 Answers will vary.

Pages 10-12

- **1a** 1 kg 500 g
- **b** <u>2</u> kg <u>100</u> g
- **c** <u>1</u> kg <u>600</u> g
- **d** 3 kg 250 g
- 2a 1 kg 500 g
- $\textbf{b} \ \underline{2} \ kg \ \underline{500} \ g$
- **c** 3 kg 500 g
- **d** <u>1</u> kg <u>700</u> g

Pages 10-12

3a 3

b 6

c 0.25

d 0.5

e 0.1

f 0.3

4a 45 000

b 70 000

c 250

d 5500

e 12 250

f 50 750

5a 0.5

b 0.3

c 1.5

d 0.25

6a 1.3

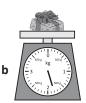
b 1.1

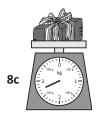
7a	2 kg	1 kg	500 g	200 g	100 g	50 g
1	1		/			
2		11		11	1	

b	1 kg	500 g	200 g	100 g	50 g	10 g
1	1	1	/	/		
2		111		///		

С	2 kg	1 kg	500 g	200 g	100 g	50 g
1	1		/	1		1
2		11		///	/	1







Page 13

What to do

2.5 kg; 5 kg; 3 kg; 6 kg

What to do next

30 kg; 6 kg; 12 kg

Page 14

What to do

Observe students.

What to do next

Observe students.

1 How many litres are in:

- **a** 1000 ml =
- **b** 5000 ml =
- l c 2000 ml =

What is the capacity of each of these grocery items? Draw lines to match these labels:



250 ml (1.25 l





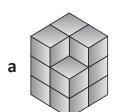
Connect each label to the correct place on the jug by drawing a line:

$$\frac{1}{2}$$
 litre

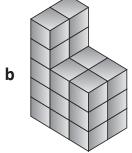
$$\frac{1}{4}$$
 litre

$$\frac{3}{4}$$
 litre

What is the volume of each of these models? They are made from centicubes. A centicube is 1 cubic centimetre.



cm³



cm³

Skills	Not yet	Kind of	Got it
Knows half litre = 500 ml, quarter litre = 250 ml			
Estimates the capacity of containers to the nearest litre			
Counts and compares the volumes of 3D objects using cubic centimetres			

- Write g or kg to show how we measure the mass of each object:
 - a an orange

c a watch

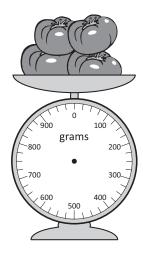
- **b** an adult
- **d** a box of tissues
- 2 How many grams in each of these amounts?

g **b**
$$\frac{1}{2}$$
 kg = g **c** 5 kg =

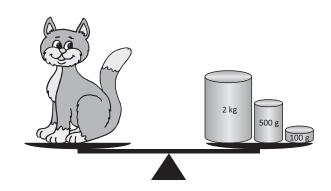
- **c** 5 kg = g
- 3 How many kilograms in each of these amounts?

kg **c** 5000 g = kg

This bag of tomatoes weighs 400 grams. Show where the arrow would be on the scale:



5 What is the mass of the cat?



Mass is _____ kg ____ g

Skills	Not yet	Kind of	Got it
• Recognises that 1 kilogram = 1000 grams			
Converts between kilograms and grams			
Records weights as grams, kilograms or mixed			
Reads different scales			

Series E – Volume, Capacity and Mass – Student Progress Record Name_____ Class____ Date _____ What went well: What I need to improve: _____ Series E - Volume, Capacity and Mass - Student Progress Record Name_____ Class____ Date_____ What went well: What I need to improve:



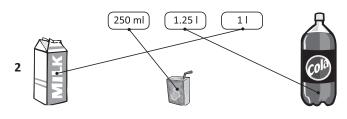
ASSESSMENT ANSWERS

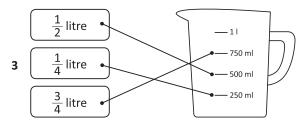
Page 3

1a 1

b 5

c 2





4a 11

b 22

Page 4

1a g

b kg

c g

d g

2a 1000

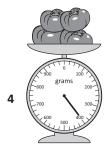
b 500

c 5000

3a 3

b 2.5

c 5



5 <u>2</u> kg <u>600</u> g

Topic	Reference	Strand	Objective
All	4M2	Measurement	Estimate different measures, including money in pounds and pence.
All	4M5	Measurement	Convert between different units of measure (e.g. kilometre to metre; hour to minute).