

2

# Use a tape measure, a ruler or a trundle wheel to measure these lengths or distances. Estimate first.

			Measure	
Items to measure	Estimate	Metres and centimetres	Centimetres	Decimal notation
Length of a desk				
Height of a door				
Width of a classroom				
Distance to the school office				

3

Convert the units to complete the table of world records.

Event		Metres and centimetres	Centimetres	Decimal notation
Long	men	8 m 95 cm	895cm	8.95m
jump	women	7m 52cm	752cm	7.52 m
High	men	2 m 45 cm	245cm	2.45m
jump	women	2m 9cm	209 cm	2.09 m
Pole	men	6m   4cm	614cm	6.14 m
vault	women	5 m 6 cm	506cm	5.06m



**Research** Do these records still stand today or have they been broken?

Which instrument is the best one to use for each measurement?

#### Using Units of Measurement

ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party.

# **Centimetres and millimetres**

There are 10 mm in 1 cm. 5 cm and 7 mm is the same as 57 mm or 5.7 cm.



a Complete the table. The first one has been done for you.

Spider	Length (mm)	Length (cm and mm)
St Andrew's Cross	39 mm	3 cm 9 mm
Redback	ll mm	l cm l mm
Funnel-web	45 mm	4 cm 5 mm
Orb-weaving	23 mm	2 cm 3 mm
Trapdoor	28 mm	2cm 8mm

b Order the spiders' lengths from shortest to longest.

Redback, Orb-weaving, Trapdoor, St Andrew's Cross, Funnel-web

- Write these lengths in decimal notation.
  - $\alpha$  2 cm 8 mm = <u>2.8</u> cm
  - c 12 cm 1 mm = 12.1 cm
  - e 55 mm = 5.5 cm

b	7 cm 3 mm	=	7.3	cm
d	14 mm =	14.0	_cm	
f	135 mm = _	13.5	cm	

Estimate the width of each card. Then use a ruler to measure it, and fill out the table below.



2

3







Measure					
mm	cm and mm	decimal			
l 7 mm	l cm 7 mm	1.7cm			
1 2 m m	l cm 2mm	1.2cm			
28 m m	2cm 8mm	2.8cm			
1 5 mm	l cm 5 mm	1.5cm			
	7 mm   2 mm 2 8 mm	mmcm and mm17mm1 cm 7mm12mm1 cm 2mm28mm2 cm 8mm			

#### Add these measurements.

+	6 . 1 cm 3 . 4 cm		4 • 5 cm 3 • 9 cm	+	4 • 7 cm 1 • 7 cm	MiB 2	
	9 ∎ 5 cm	5 • 9 cm		8 • 4 cm		6 • 4 cm	Card 10

#### **Using Units of Measurement**

Cambridge University Press

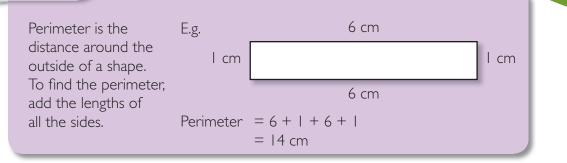
61

ISBN: 978-0-521-74537-6

© Greg Weeks 2012

Photocopying is restricted under law and this material must not be transferred to another party.

# Perimeter



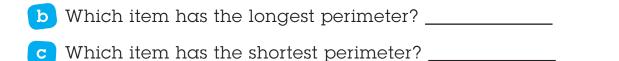
Choose small items in your classroom – for example, a book cover, eraser, pencil box. Estimate then measure the perimeter of each item to the nearest centimetre. Record your findings in the table.

Item	Estimate	Measure
	Answers will vary	

2

a Explain how you estimated and measured each perimeter.

Answers will vary



### 62 Using Units of Measurement

ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party. **Comparing perimeters** 

2

R

00

**。**O

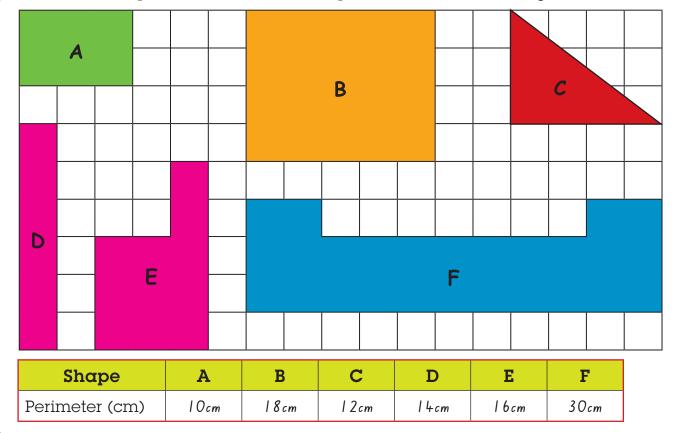
Ο

**OU** 

b

0

Measure the perimeter of each shape on the centimetre grid below.



Order the letters of the shapes from the shortest to the longest perimeter.

o°

A, C, D, E, B, F

'Squareas' are strange shapes that travel through space in UFOs. The longer their perimeter, the richer they are. Each centimetre represents \$100.

> a Complete the table to find how rich each Squarea is.

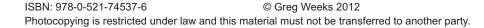
Name	Perimeter (cm)	Value (\$)
Ceeley	18cm	1800
Boxey	12cm	1200
Youey	12cm	1200
Longy	14cm	1400
Elley	18cm	1800

Which Squarea is the: i richest? <u>Elley and</u> ii poorest? <u>Boxey and</u> Youey Ceeley

Using Units of Measurement

Cambridge University Press

63



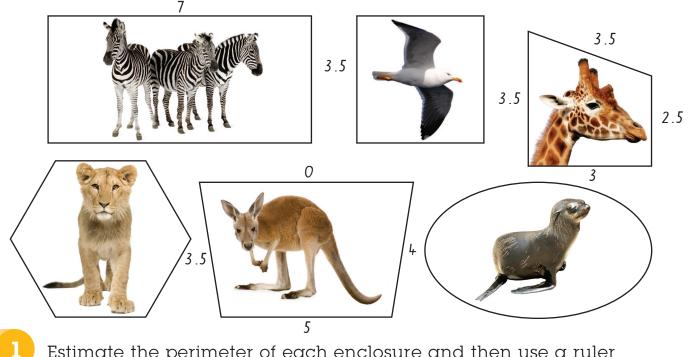
•

Longy

<u>OBoxe</u>

# **Perimeters of different shapes**

Aiden went to the zoo and drew a picture of some animal enclosures.



Estimate the perimeter of each enclosure and then use a ruler or a piece of string to measure the perimeter to the nearest centimetre. The first one has been done for you.

Note: Every centimetre that you measure represents I	I m in real life, e.g. 5 cm = 5 m.
--	------------------------------------

Animal	Estimate (cm)	Measure (cm)	Actual perimeter (m)
Birds	14 cm	16 cm	16 m
Giraffe		12.5cm	12.5 m
Kangaroo		18.5cm	18.5 m
Lion		1 5 cm	15 m
Seal		l 6cm	16m
Zebra		2   cm	2 l m

2

3

Which animal's enclosure has the shortest perimeter? <u>Giraffe</u>

Which animal's enclosure has the longest perimeter? <u>Zebra</u>

If it costs \$55 per metre to fence each enclosure, what is the total cost of fencing all the enclosures? Use a calculator to help you.

\$5445

**64** Using Units of Measurement

**Perimeter and area** 

How many different 4-sided shapes with a perimeter of 20 cm can you construct?

•	•	•	•	•	•	•	•	٠	٠	•	•	٠	•	•	•	•
•	•	•	•	•	•	•	•	٠	•	•	٠	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

What is the area of each shape you made?

Answers will vary

3

2

Solve these problems.

a The perimeter of a regular hexagon is 30 cm. What is the length of each side?

5 cm

b The flag that flies above Capital Hill in Canberra is 12.8 m long and 6.4 m wide. What is the perimeter of this flag?

38.4m

c Farmer Simpson has a small rectangular paddock with a perimeter of 60 m. The length of the paddock is 18 m. What is the width? Draw a sketch to help you.

The area of a square is 36 m<sup>2</sup>. What is the perimeter?

The square metre

Construct a square metre using newspaper, so that it is 1 m wide and 1 m long.

2 Use your square metre to find surfaces in your classroom that have the areas listed in the table.

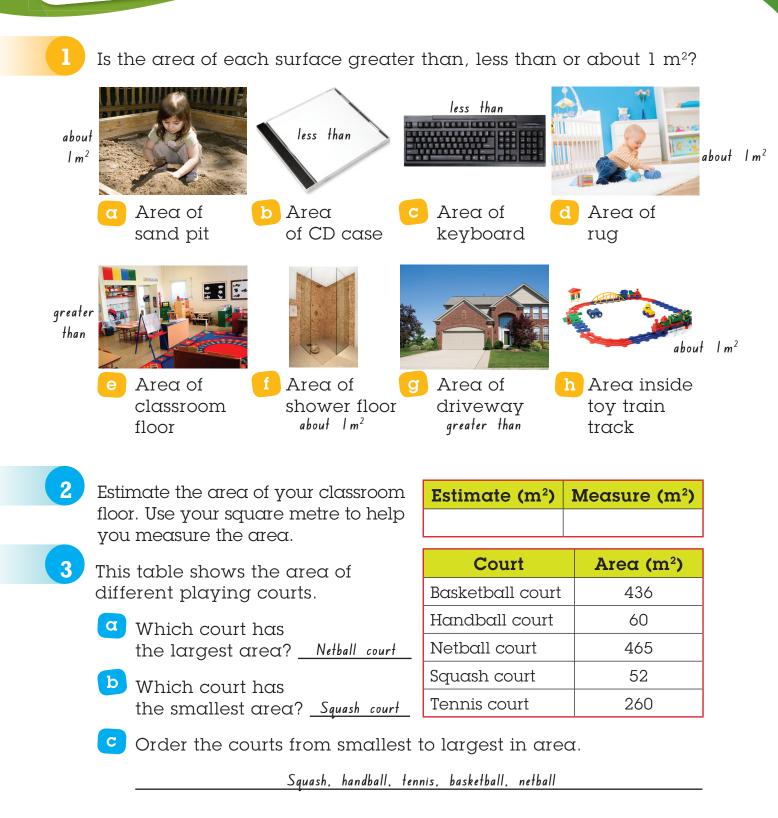
	Greater than 1 m <sup>2</sup>	Less tha		About 1 m <sup>2</sup>						
		Answers will	vary							
3	fit inside 1 square metre: half and joined it end to end,									
	i standing? <u>Answ</u>	ers will vary 🗕		would	it still me	asure I m	) <sup>2</sup> ?			
	ii sitting?									
	iii lying down? _									
	Complete the table. Look for a pattern. A calculator might help you.									
			<b>1 m</b> <sup>2</sup>	<b>2</b> m <sup>2</sup>	3 m <sup>2</sup>	<b>4</b> m <sup>2</sup>	5 m <sup>2</sup>			
	Number of students	standing								
	Number of students	sitting								
	Number of students	lying down								
	Number of students	sitting lying down								

4 A dance floor at a disco has an area of 10 m<sup>2</sup>. Use the table in Question 3b to help you mentally calculate how many people can fit on the dance floor. Explain your thinking.

Answers will vary



# **Measuring in square metres**



ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party.

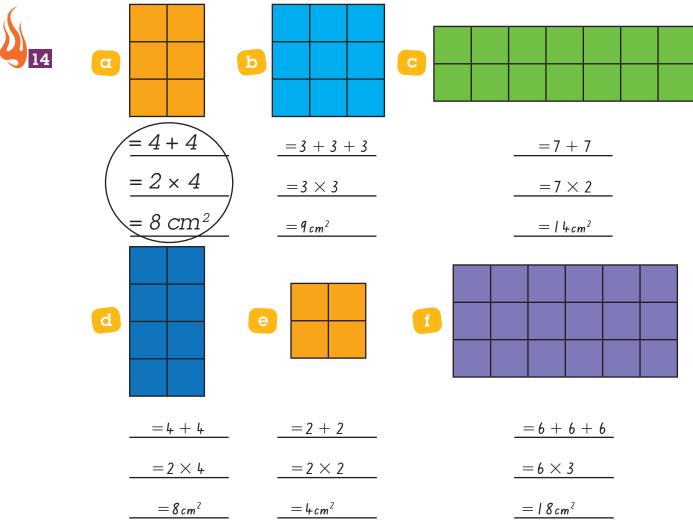
Using Units of Measurement 67

# **Calculating area**

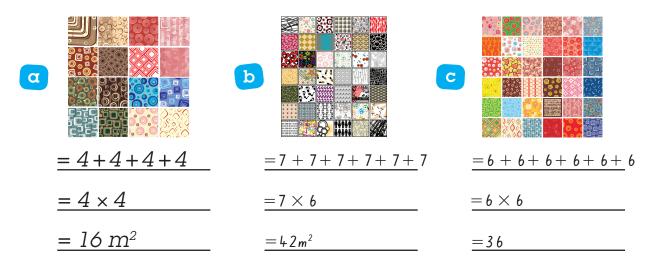
1

2

Calculate the areas of these squares and rectangles. The first one has been done for you.



Calculate the areas of these square and rectangular quilts. Each small square is 1 m<sup>2</sup>. The first one has been done for you.



### **68** Using Units of Measurement

ISBN: 978-0-521-74537-6

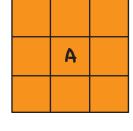
© Greg Weeks 2012

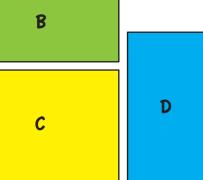
Photocopying is restricted under law and this material must not be transferred to another party.

**Measuring** area

E

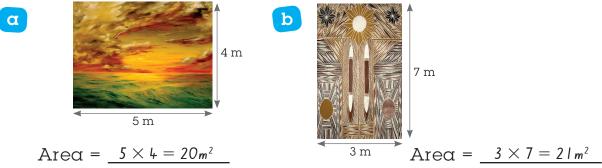
Use a ruler to draw grid lines 1 cm apart on each rectangle. The first one has been done for you.





69

Complete the	Shape	Length (cm)	Width (cm)	Area (cm²)		
table then calculate the	Α	3	3	9		
area of each	В	4	2	8		
shape.	С	4	3	12		
_	D	4	2	8		
	Е	9	1	9		
<ul> <li>Which shape has the largest area? <u>C</u></li> <li>Which shape has the smallest area? <u>B. D</u></li> </ul>						
<ul> <li>C Order the shapes from smallest area to largest area.</li> <li>B or D. A or E. C</li> <li>d What is the total area of all the shapes? <u>46cm<sup>2</sup></u></li> </ul>						
The length and br Calculate the are			0 1	0		



4 The area of a large painting canvas is 24 m<sup>2</sup>. What could the length and breadth of the canvas be? List all the different answers.

 $3 \times 8$ ,  $8 \times 3$ ,  $4 \times 6$ ,  $6 \times 4$ ,  $12 \times 2$ ,  $2 \times 12$ ,  $24 \times 1$ ,  $1 \times 24$ 

 Using Units of Measurement

 ISBN: 978-0-521-74537-6
 © Greg Weeks 2012
 Cambridge University Press

 Photocopying is restricted under law and this material must not be transferred to another party.
 Cambridge University Press

Draw and label each horse's stable on the grid. Let each square =  $1 \text{ m}^2$ .

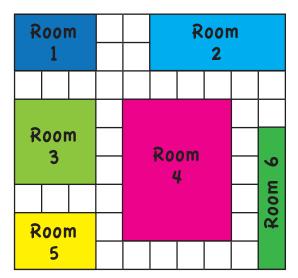
			М	r Sta	r	
Haz	een					
		Forg	otten		Freda	

Horse's name	Stable length (m)	Stable width (m)
Hazeem	2	4
Forgotten	3	2
Mr Star	5	1
Freda	3	3

a Which horse has the largest stable? <u>Freda</u>

b Which horse has the smallest stable? <u>Mr Star</u>

- 2 Be a detective. In which room is the diamond hidden? Read the clues to help you solve the case. Each square is 1 m<sup>2</sup>.
  - The area of the room is not an even number.
  - The area of the room is divisible by 3.
  - The diamond is hidden in room number 3



3 Graffiti removal costs \$9 per square metre. Calculate the cost to remove the graffiti from each wall. *Hint:* Calculate the area of each wall first.

N	<b>H</b> AX	NO GEOTINE AND
Wall 1	Wall 2	Wall 3
Length = 2 m	Length = 6 m	Length = 10 m
Height = 5 m	Height = 2 m	Height = 3 m
Area = $10m^2$	Area = $12m^2$	Area = $30m^2$
Cost = \$90	Cost = \$108	Cost = \$270



#### **Using Units of Measurement**

Millilitres are used to measure small amounts of liquid. The short way to write millilitres is mL.

Would you use litres (L) or millilitres (mL) to measure the capacity of each item? Write L or mL under each picture.

	b	C	d	C
Water in a	Drink in a	Oil in a	Juice in a	Medicine in
fish tank	can	container	glass	a teaspoon
L	mL	L	mL	mL

Discuss why containers are usually sold in standard sizes; for example, cans of drink are usually 375 mL.

Find and list containers of different capacities.

Less than 100 mL	Between 100 mL & 300 mL	Between 300 mL & 500 mL	More than 500 mL
Answers will vary			

3

4

2

1

Colour the best measurement. The first one has been done for you.

α	b	C	d	e
30 mL	2 mL	25 mL	5 mL	10 mL
300 mL	20 mL	250 mL	50 mL	100 mL
3 L	200 mL	2 L	500 mL	1 L

### Solve these problems.

- a Mehmet's water bottle holds 300 mL. If he drinks half of the water, how much water is left? <u>150mL</u>
- b Tasha took 15 mL of medicine from a
   90 mL bottle. How much medicine remains? <u>75mL</u>



**Using Units of Measurement** 

### Making a measuring device

- Make a measuring device by using a large plastic bottle.
  - Pour 100 mL of water into the bottle.
  - b Mark the level with a felt pen.
  - c Write 100 mL next to the mark.
  - d Keep adding 100 mL and mark each new level until you reach 1000 mL.

Marking equal quantities of 100 mL means that you are calibrating or accurately marking the container.



Find and list five different containers that hold less than 1000 mL of liquid. Estimate how much each container will hold. Use your measuring device (from Question 1) to measure the capacity in millilitres. Discuss why the bottle should be on a flat surface.

Container	Estimate	Measure
<b>a</b> Answers will vary		
b		
C		
d		
e		

3

2

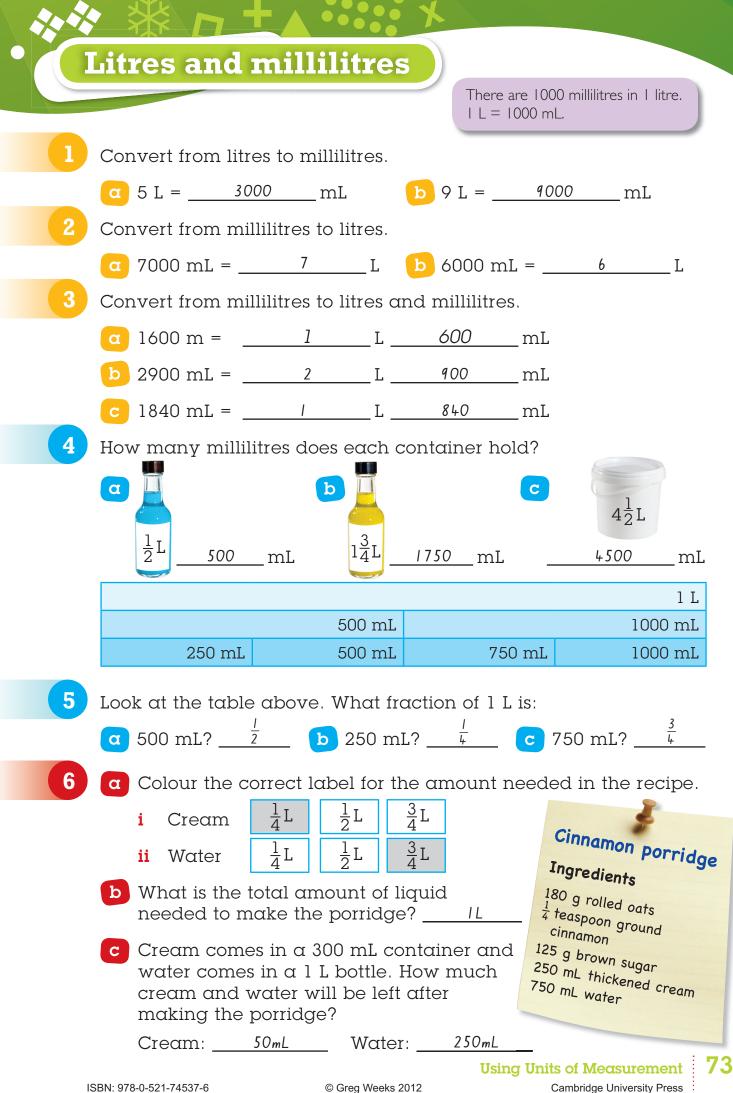
Order the containers from smallest to largest in terms of their capacity.

Answers will vary



You need to measure out 500 mL. You only have 2 containers – one holds 300 mL and the other holds 700 mL. How can you use these 2 containers to measure out 500 mL of water? Show all your working.

#### 72 Using Units of Measurement



# Submerging objects in water

An object displaces its own volume when it is fully submerged in a liquid.

- Compare the volume of 3 objects. The objects could be pebbles, toy cars or marbles. They need to be objects that do not float.
  - a Use a partially-filled container and record the change in the level of the liquid when each object is submerged.



Object	Water level before object is submerged	Water level after object is submerged	Change in water level
1	Answers will vary		
2			
3			

- i Which object increased the water level the most?
- ii Which object increased the water level the least? \_\_\_\_\_
- b Using the same 3 objects, submerge each object into a container filled to the brim with water and

Object	Overflow in mL
1	Answers will vary
2	
3	

measure the overflow.

- i Which object caused the most overflow?
- ii Which object caused the least overflow? \_\_\_\_\_
- 2 Which method do you think gave the most accurate measure of volume? Explain why.

Answers will vary





How could you work out the volume of smaller objects such as nuts and bolts?

#### Using Units of Measurement

ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party. Would you use kilograms (kg) or grams (g) to measure the mass of each item? Write kg or g under each picture.

α	b	C (())	d
TV	mp3 player	camera	remote control
kg	g	kg	<u>g</u>
e		g	h
coffee machine	microwave oven	computer mouse	washing machine
kg	kg	g	kg

Nicci collects dolls from around the world.

Grams

Doll					A CONTRACTOR
Country	Germany	Italy	Japan	Russia	Thailand
Mass	450 g	370 g	220 g	600 g	525 g

- α Which doll is the heaviest? <u>Russia</u>
- **b** Which doll is the lightest? <u>Japan</u>
- c Order the dolls from heaviest to lightest (use the name of the country).

Japan, Italy, Germany, Thailand, Russia

- d How much would two identical dolls from Germany weigh?
  - 900g
- Which two dolls have a total mass of 820 g?
- f Circle the equal arm balances which are correct. i ii ii iii iii iii

Using Units of Measurement

ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party.

# **Measuring in grams**



Use an equal arm balance to find items in your room that have a mass of 10 g, 50 g, 100 g or 500 g.

10 g	50 g	100 g	500 g
Answers will vary			

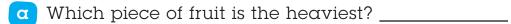


3

MiB 2

Collect 5 different pieces of fruit. Estimate and then measure the mass of each in grams, using an equal arm balance.

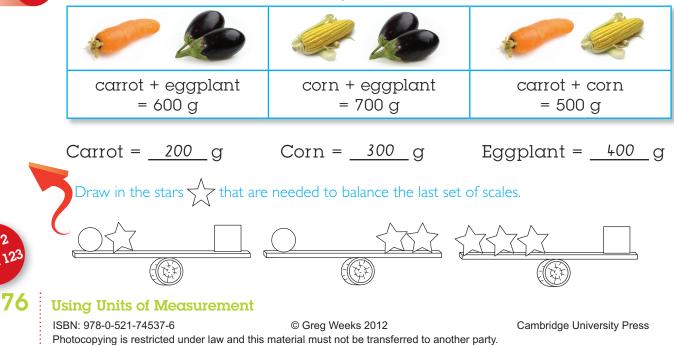
Fruit	Estimate (g)	Measure (g)
Answers will vary		



b Which piece of fruit is the lightest? \_\_\_\_\_

c Order the fruit from lightest to heaviest.

Work out the mass of each vegetable.



Complete the table to work out the mass of a lolly snake. It may help if you get a packet of lolly snakes to do this question.

Mass of a packet of snakes (g)	Answers will vary
Number of snakes in 1 packet	
Calculate mass of 1 snake (g)	
Measure the mass of 1 snake (g)	

- α Was your calculation and measurement the same? \_\_\_\_\_
- b Use your measurement to calculate the mass of:
  - i 5 snakes \_\_\_\_\_
  - ii 8 snakes \_\_\_\_\_
  - iii 10 snakes \_\_\_\_\_

2 Six different types of monster lollies come in a packet.

a Round the mass of each monster lolly to the nearest 10 g.

Monster name	Mass (g)	Round to the nearest 10 g
Bardo	72	70g
Franki	59	60g
Ghosty	65	70g
Hoot	128	130g
Jingo	91	90g
Zurp	104	100g

- b Which 2 monsters round to 70 g? <u>Bardo</u> Ghosty
- **c** Which monster is the heaviest? <u>Hoot</u>
- d Which monster is the lightest? <u>Franki</u>
- e What is the rounded difference between these 2?

70g

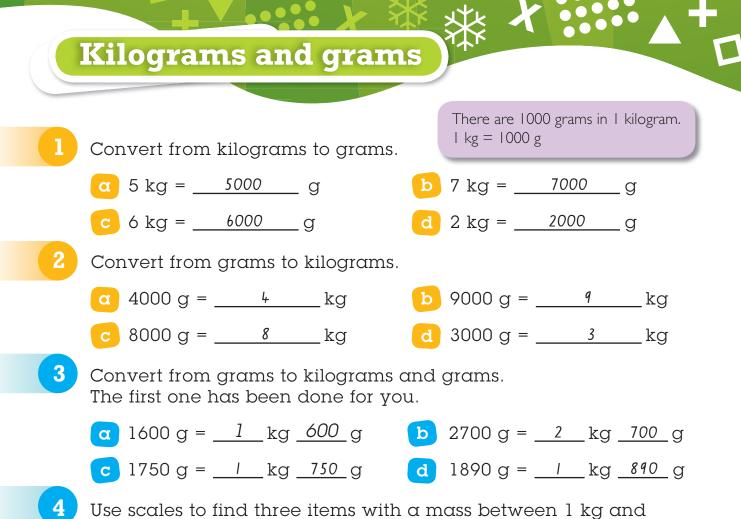
I Use a calculator to find the total mass of the packet of the monster lollies. <u>519</u>



Discuss your answer.



#### **Using Units of Measurement**



Use scales to find three items with a mass between 1 kg and 2 kg. Measure the mass of each object. Record each mass in kilograms and grams and then convert each measurement to grams.

91011101	Item 1	Item 2	Item 3
Name of item	Answers will vary		
Mass in kilograms and grams			
Mass in grams			

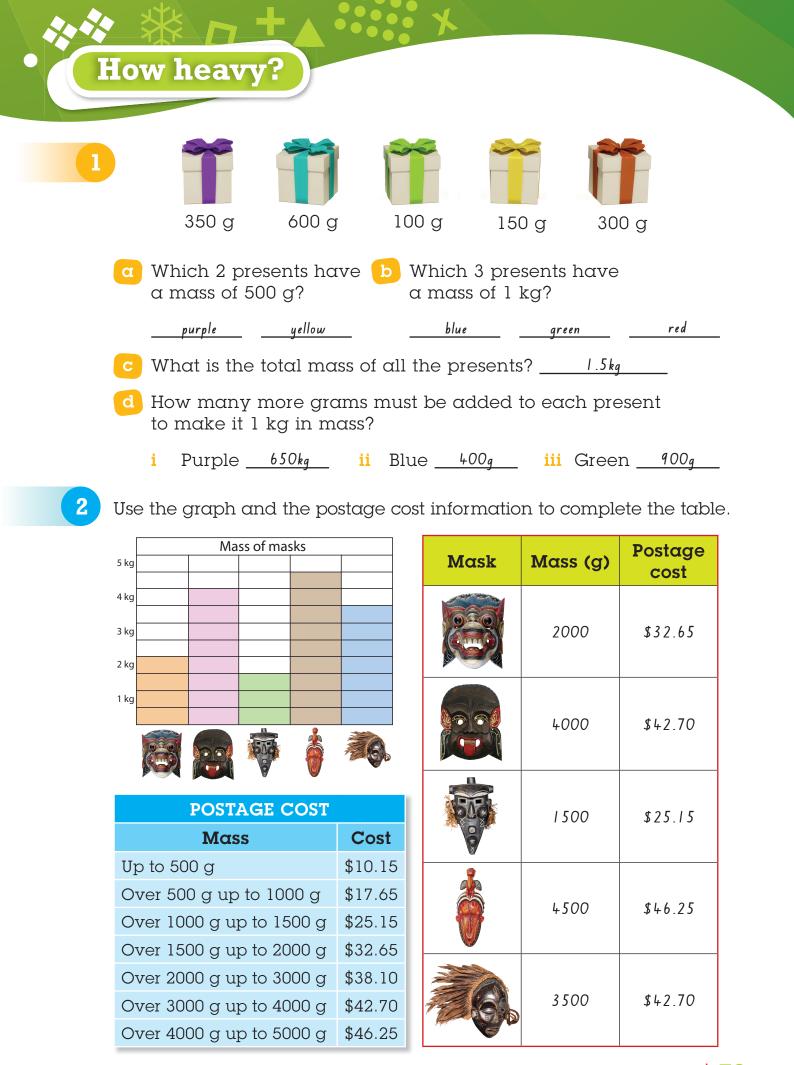
The Australian Egg Corporation uses the following sizes in its labelling of eggs. Use a calculator to find the total mass of each carton of eggs. Show your answer in grams.

Carton	Size	Mass per egg (g)	Mass per carton (g)
888	Jumbo	68 g	408g
8888888 8888888	Extra large	60 g	720g
	Large	52 g	1 5 60g

#### **Using Units of Measurement**

78

ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party.

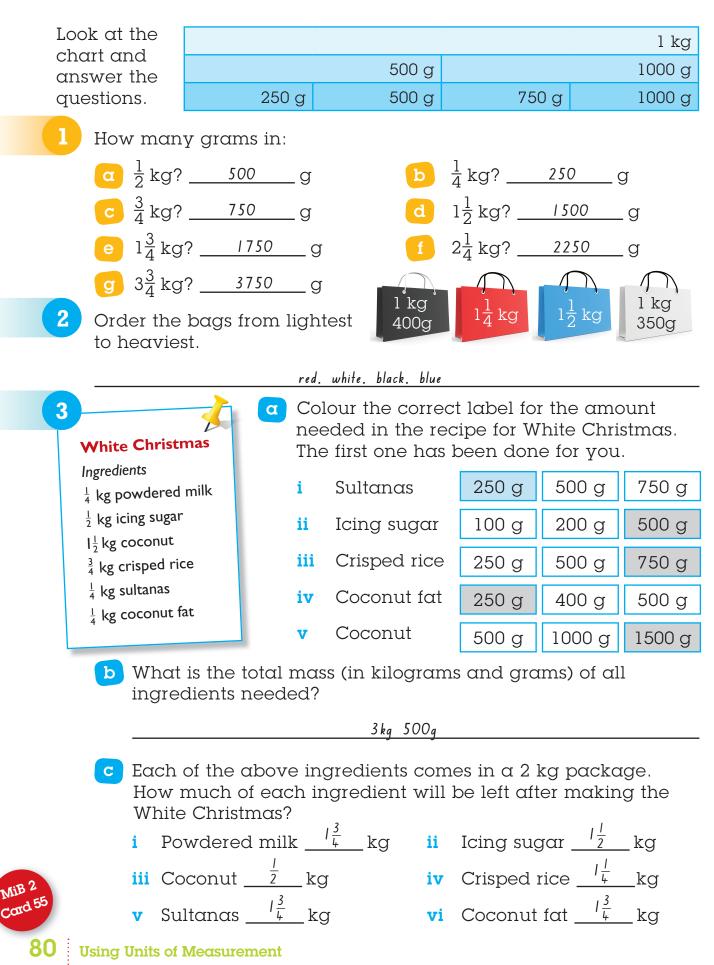


Using Units of Measurement

Cambridge University Press

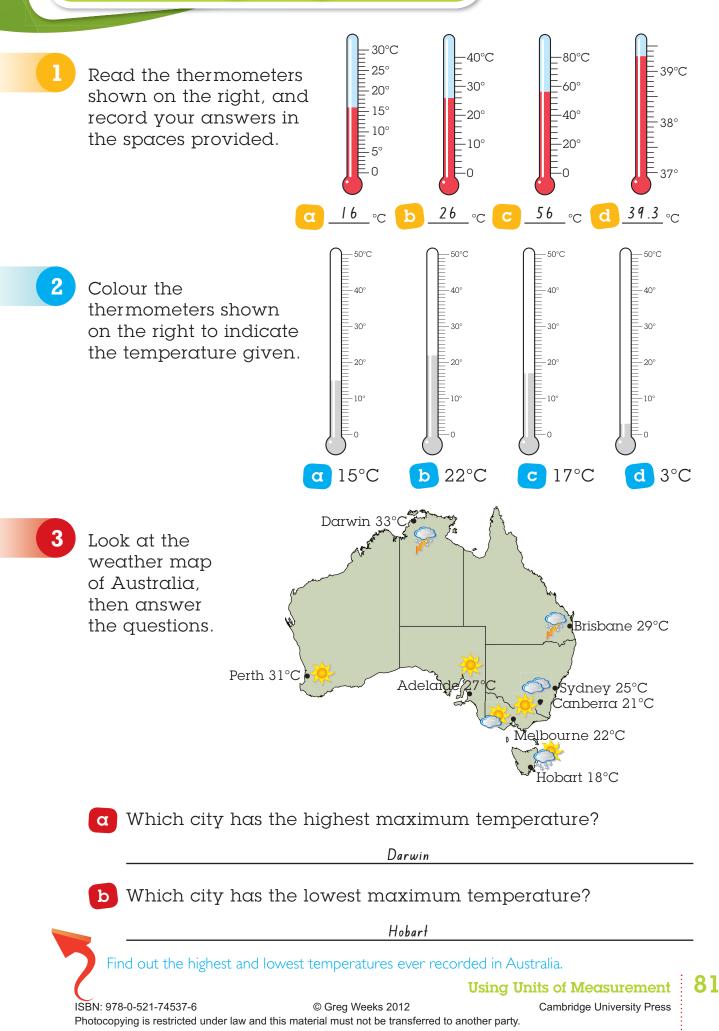
ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party. 79

## **Fractions of a kilogram**



ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party.





# Analog and digital time

### Complete the table.

П

2

3

	Words	Digital	Analog
α	Twelve minutes past three	3:12	$ \begin{array}{c} 11 & 12 & 1 \\ 10 & \checkmark^{2} & 3 \\ -9 & \checkmark^{2} & 3 \\ 8 & 7 & 6 & 5 \\ \end{array} $
b	Twenty four minutes past five	5:24	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
С	Seven minutes to four	3:53	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
d	Three minutes past six	6:03	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

### Draw the time 10 minutes before and after these times.

10 minutes before	Time	10 minutes after
$ \begin{array}{c} 11 & 12 & 1 \\ 10 & \uparrow & 2 \\ 9 & & 3 \\ 8 & 7 & 6 & 5 \end{array} $	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} 11 & 12 & 1 \\ 10 & \uparrow^{7} & 2 \\ -9 & 3 \\ 8 & 7 & 6 \\ 7 & 6 & 5 \end{array} $
3:35	3:45	3:55
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
5:51	6:01	6:11

#### Show the time on each clock.

6:00	6:40	7:10	7:25	8:20
Mrs Tan got up at 6 oʻclock.	She took 40 minutes to shower and get dressed.	She finished her breakfast 30 minutes later.	It took 15 minutes to wash up.	She drove to work and it took 55 minutes.

Yes



Mrs Tan starts work at 8:30 a.m. Did she make it to work on time?

#### **Using Units of Measurement**

Record in digital time the time on each clock. The first one has been done for you.

10 22 E	11 12 10 10 10 10 10 10 10 10 10 10 10 10 10		12:23	03:50	03:31			
199 188 188 199 199 199 199 199 199 199	9 3 11 18 19 10 10 10 10 10 10 10 10 10 10		04:58	05:53	08:05			
S10 12 12 12	S10 22	Night 12 Martin	03:05	02:05	08:30			
19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					An analog clock has a minute hand and an hour hand.			
11 12 11 11 12 11 11 12 11 11 12 11				e hand (the l ws minutes p nour.	0			
			The hour I shows the	hand (the sho hours.	ort hand)			

2

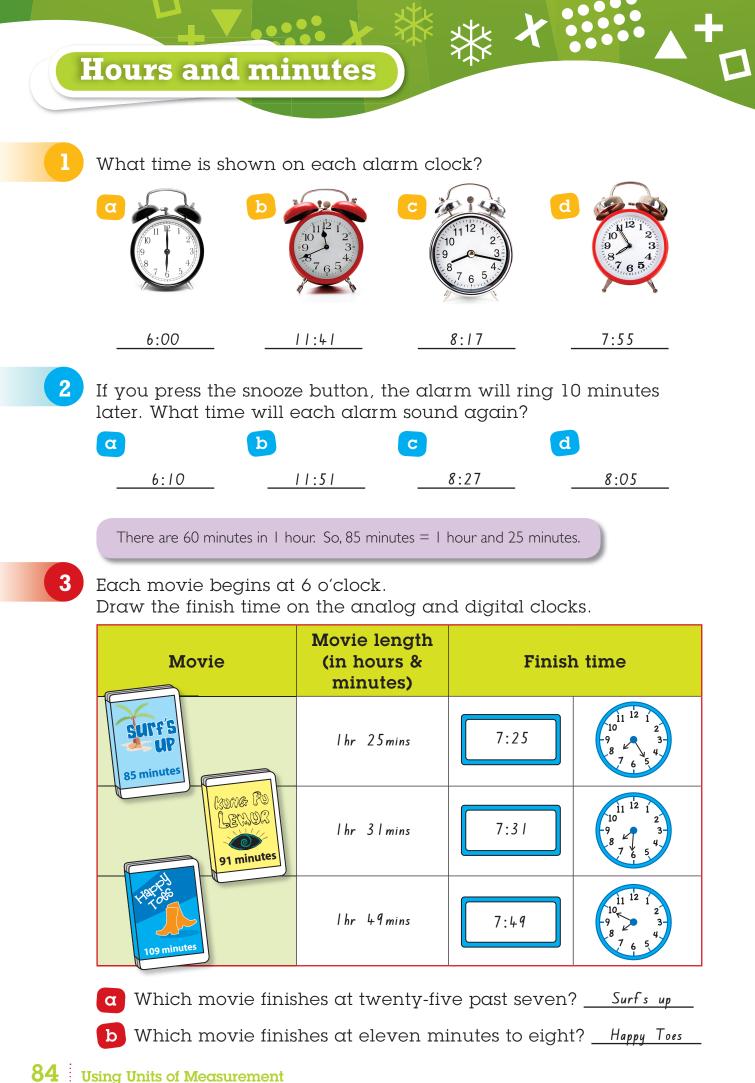
1

### Solve these time problems. Show your answer on the clock.

	Problem	Working	Answer	
α	Trang woke up at 5:25 and started eating breakfast. He took 18 minutes to eat his breakfast. What time did he finish eating?		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5:43
b	Edwina had a hair appointment at 4:45. The hairdresser took 37 minutes to cut her hair. What time did she finish?		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5:22
С	Connor got out of the pool at 3:25 after a 1 hour and 5 minute swim. What time did he start swimming?		2:20	
d	Lachlan woke up at 1:08 after a 43-minute sleep. What time did he go to sleep?		12:25	MiB 2 Card 55

83

**Using Units of Measurement** 



ISBN: 978-0-521-74537-6

© Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party. **Units of time** 

2

Does the activity take about a second, a minute or an hour?

A game of soccer	Popping a balloon	Cleaning your teeth	Swallowing a tablet	Preparing and cooking dinner	Putting your shoes and socks on
hour	second	minute	second	hour	minute

Choose the best unit from the word bank to measure:

- How long it is until you turn 16. <u>years</u> α
- The time it takes to boil an egg. \_\_\_\_\_\_\_ b
- The length of the school holidays. \_\_\_\_\_\_\_\_\_\_ C
- The time it takes to run 100 m. \_\_\_\_\_\_\_seconds\_\_\_\_\_ d
- How long you sleep at night. <u>hours</u> е
- The length of summer. \_\_\_\_\_\_months
- The length of a weekend. \_\_\_\_\_\_ g
- Answer the following time conversion questions.
  - a How many seconds in 2 minutes? \_\_\_\_\_ 120
  - How many days in 3 weeks? \_\_\_\_\_21
  - How many hours in 2 days? \_\_\_\_\_48\_\_\_\_ C
  - d How many minutes in 3 hours? 180
  - How many seconds in 10 minutes? 600
  - How many weeks is 28 days? \_\_\_\_\_4
  - How many hours is 120 minutes? \_\_\_\_\_2
  - How many minutes is 300 seconds? \_\_\_\_\_5

© Greg Weeks 2012



ISBN: 978-0-521-74537-6

Word ba	ank
seconds hours weeks years	minutes days months

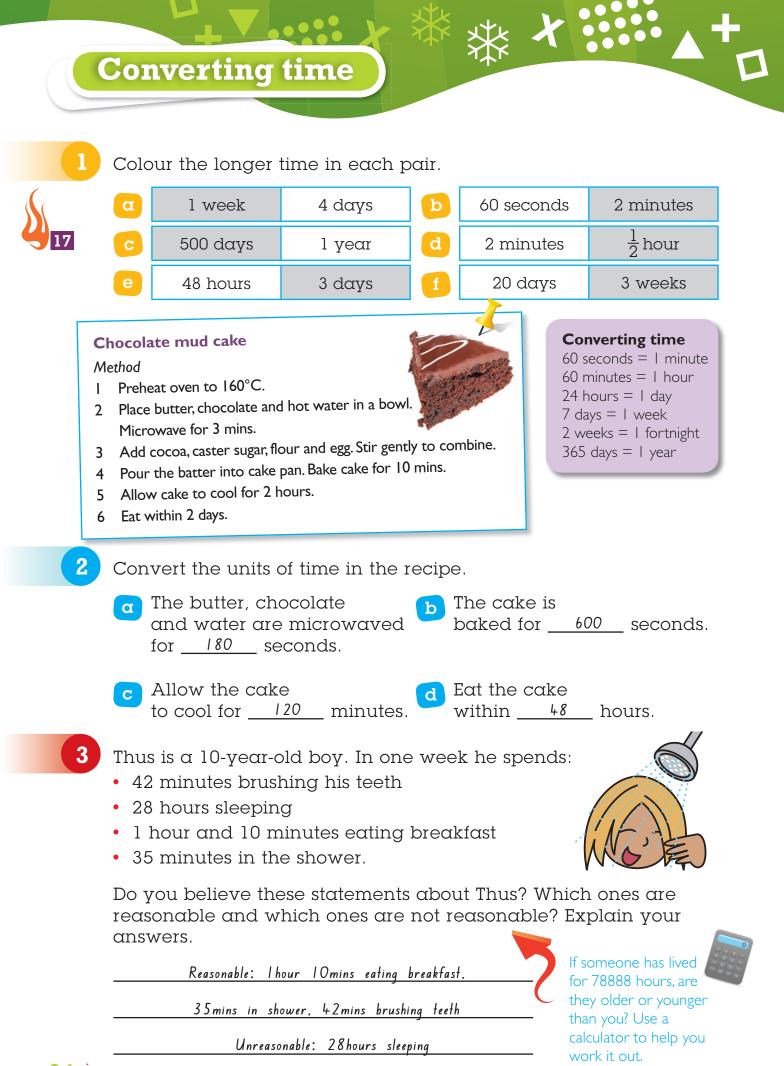
**Converting time** 

60 seconds = 1 minute60 minutes = 1 hour24 hours = 1 day7 days = 1 week2 weeks = 1 fortnight365 days = 1 year

85

#### **Using Units of Measurement**

Cambridge University Press Photocopying is restricted under law and this material must not be transferred to another party.



86 Using Units of Measurement

ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party.

# **Reading timetables**

c		ic Park servi ympic Park v		
Station	a.m.	a.m.	a.m.	p.m.
Central	9:25	10:26	11:26	12:26
Strathfield	9:40	10:40	11:39	12:39
Olympic Park	9:49	10:48	11:47	12:47

a What is the earliest time you can catch a train from Central? <u>9.25am</u>

- b What time does the second train arrive at Olympic Park? \_\_\_\_\_\_\_ 10.48am
- Central take to get to Olympic Park? <u>21 minutes</u>
- d Can you use this Olympic Park service on a Sunday? Explain your answer.

<u>No, week days only</u>

Activities at Olympic Park	Time	Duration
Hockey clinic	10:15	l hour
Kite flying	11:00	30 mins
Bird watching	12:20	2 hours
Bike tour	1:45	45 mins

- What time does the bike tour begin? \_\_\_\_\_1:45
- b What time does the bike tour finish? <u>2:30</u>
- **c** Which activity goes for the longest amount of time? <u>Bird watching</u>
- d If you went to the hockey clinic, would you be finished in time for the kite flying? <u>No</u> Explain your answer.

Hockey finishes at 11:15



Cambridge University Press

2

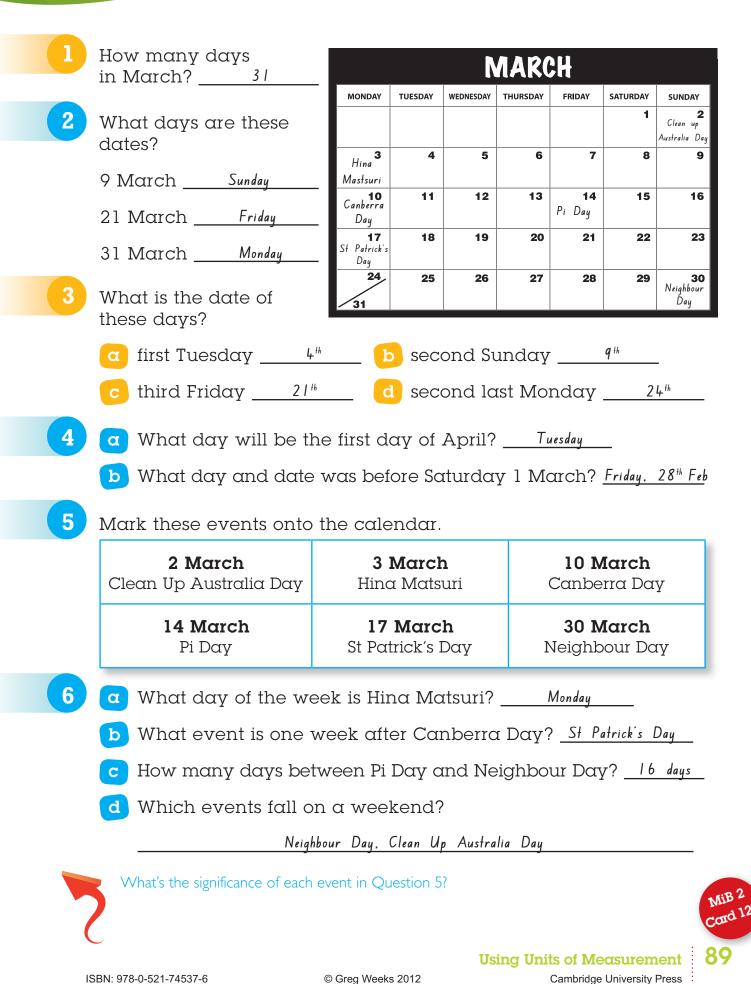
# **Timetables and timelines**

CHANNE	5 – SUNDAY 31 JULY	CHANNE	L 2 – SUNDAY 31 JULY
4:00 p.m.	Barry's Practice Lifestyle	7:00 a.m.	Crazy Circus Animation
4:30 p.m.	Married with Pets Com	edy 7:24 a.m.	Snerky Turkey Children
5:15 p.m.	According to Tim Comedy		Sport the Astronaut Children
6:00 p.m.	Five News TV News	8:10 a.m.	Submarine Rescue Reality
6:30 p.m.	Meal or No Meal Game Sh		Alien Battles Animation
7:30 p.m.	The Amazing Pace Game SI		Confidential Current Affairs
8:30 p.m.	Chicago Legal Drama	10:02 a.m.	Inside Money Finance
9:30 p.m. 11:45 p.m.	The Love in Their Eyes Ror Golf:The Qatar Open Spor		
	time do the follo		
α Five	e News	Meal or No M	leal 🖸 Chicago Legc
	6:00pm	6:30pm	8:30pm
a Bari Prad	ry's <b>t</b> ice	The Love in Their Eyes	<b>c</b> The Amazing Pace
	4:30pm	11:45pm	8:30pm
How lon	g do the followin	a TV shows ao f	or?
	al or No Meal		ling to Tim45mins
	e News 30mins		ve in Their Eyes <u>2hrs  </u>
	r many animatio	- 0	
betv	ween 7:00 a.m. a	nd 10:00 a.m.?	2
b Whi	ch program is or	n at 8:00 a.m.? <u>S</u>	port the astronaut
c Whi	ch show screens	for the longest t	ime? The love in their eyes
Diaco th	- Channel 2 pres	rame on the time	ling Sporky Turkov boy
hoen do	ne for you.		line. Snerky Turkey has
NEETI (10	ne ioi you.	tronan, Rescue Lilles	
	P - whe	Tarine Bain	liel Inc. J. M.
<u> </u>	Cnarlett Titting		iui insiae ivioney
Crazy C	ircus Snerky Tůřke I Sv		1
Crazy C 	ircus Snerky Tulke		

### 88 Using Units of Measurement

Xte X

**Calendar events** 



ISBN: 978-0-521-74537-6 © Greg Weeks 2012 Photocopying is restricted under law and this material must not be transferred to another party.

Calendars WEEKLY WEEKLY Monday Thursday 29 Haircut 4:30pm Michelle's Meeting 2:30pm B'day Greg 1 Monday is 29 October. Tuesday Friday 30 2 Write the date next to each Movies day in the diary. Swimming 8:15 before school Saturday 3 Wednesday 31 Soccer at Fill in the diary using the Trick or 8:30 information in the table below. Sunday Treat with 4 Dayat Picnic Haircut: 31st: Trick or Soccer at 8:30 Monday 1st: Michelle's Treat with on the first day afternoon Birthday of the weekend Dayat at 4:30 Swimming: Meeting with Picnic on the Movies: Friday Tuesday Greg 2 hours fourth day of morning before night at 8:15 before haircut November school 3 5 June is World Environment Day. Sunday What is the day and date: α 1 week after World Environment Day? <u>Sunday</u>, 12<sup>#</sup> June 10 days after World Environment Day? <u>Wednesday, 15<sup>th</sup> June</u> l week before World Environment Day? \_\_\_\_\_ Sunday, 29<sup>th</sup> May С 4 Which three months are shown in the photo of a calendar on the right? 23 30 6 December, January, February 24 31 7 Explain how you know this. 8 December and January = 31 days

### 90 Using Units of Measurement

February  $= 29 \, days$