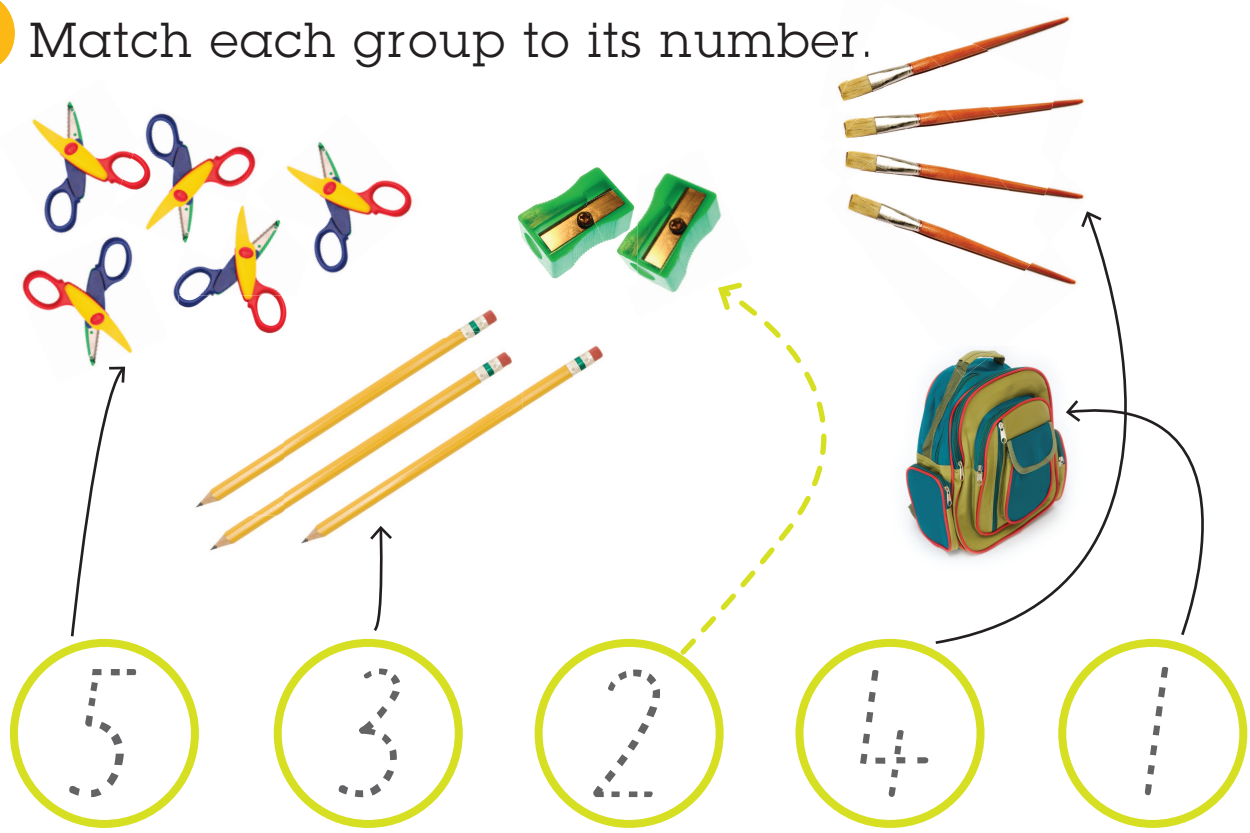
1 … 2 … 3 … 4 … 5

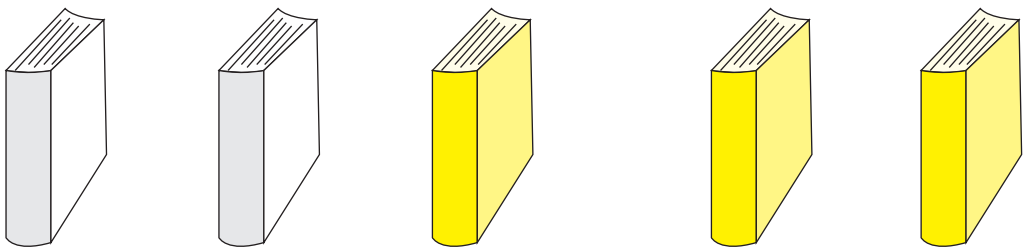
1 Trace and copy.

1 2 3 4 5

2 Match each group to its number.



3 Draw 5 books. Colour 3 yellow.



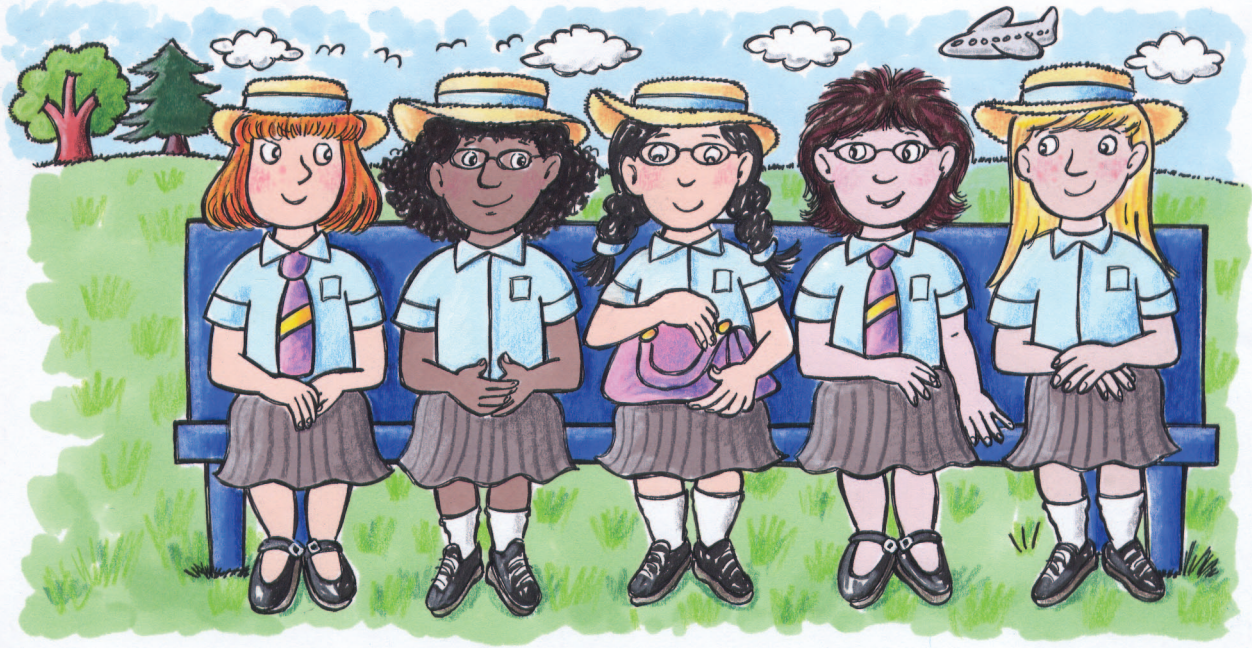
ISBN: 978-0-521-74524-6

Count to 5

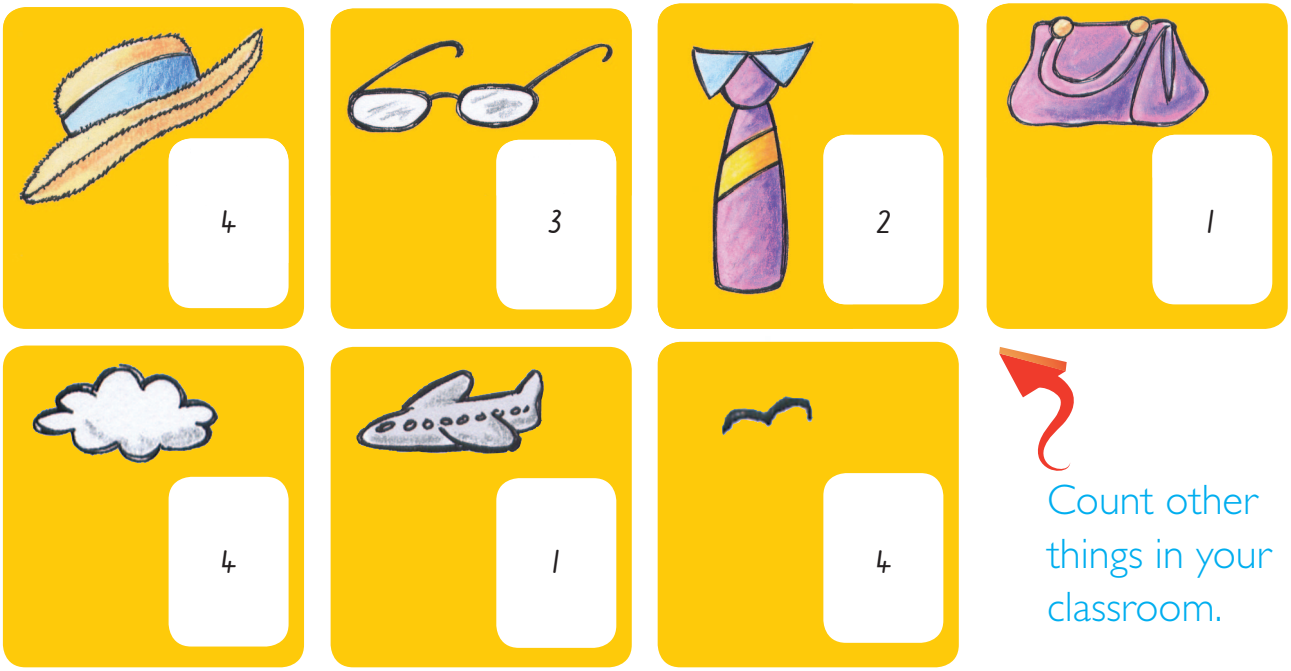
1 Trace and copy.

1 1 2 2 3 3 4 4 5 5

2



How many of each in the picture?



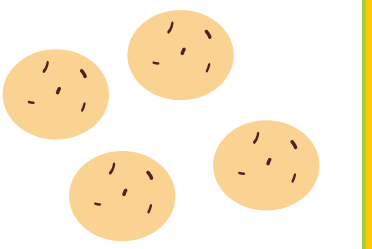
Count other things in your classroom.

ISBN: 978-0-521-74524-6

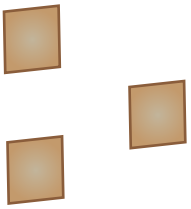
1 to 5

1 Cut out the number cards from the bottom of page 115. Glue them in order from 1 to 5.

2 Draw:



4 biscuits

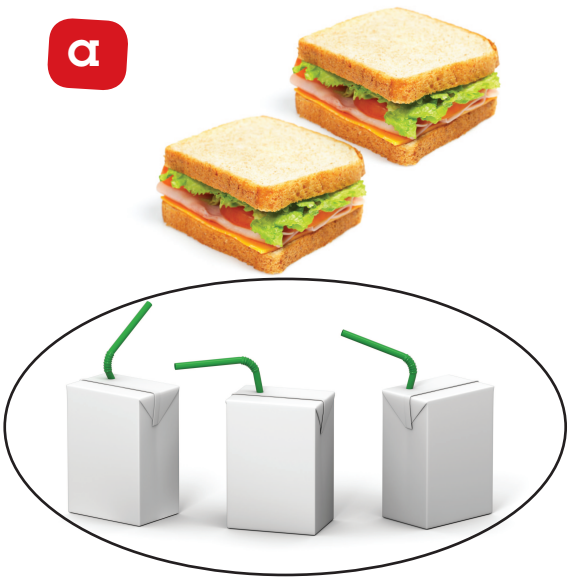


3 blocks

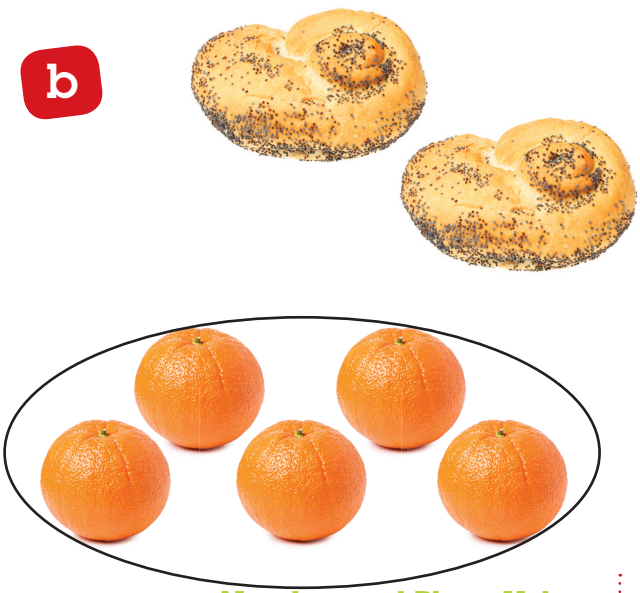
2 eyes

3 Circle the group that has more.

a



b



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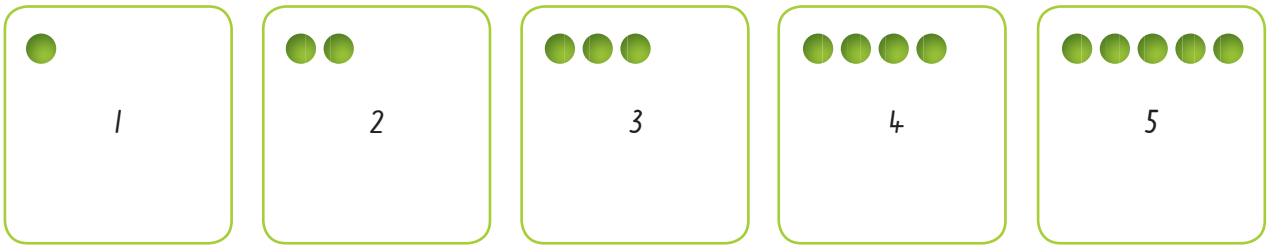
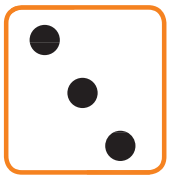
Lots of dots!

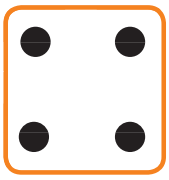
1 Write the numbers 1 to 5.

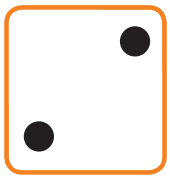


2 Look at a die and copy the dot pattern.

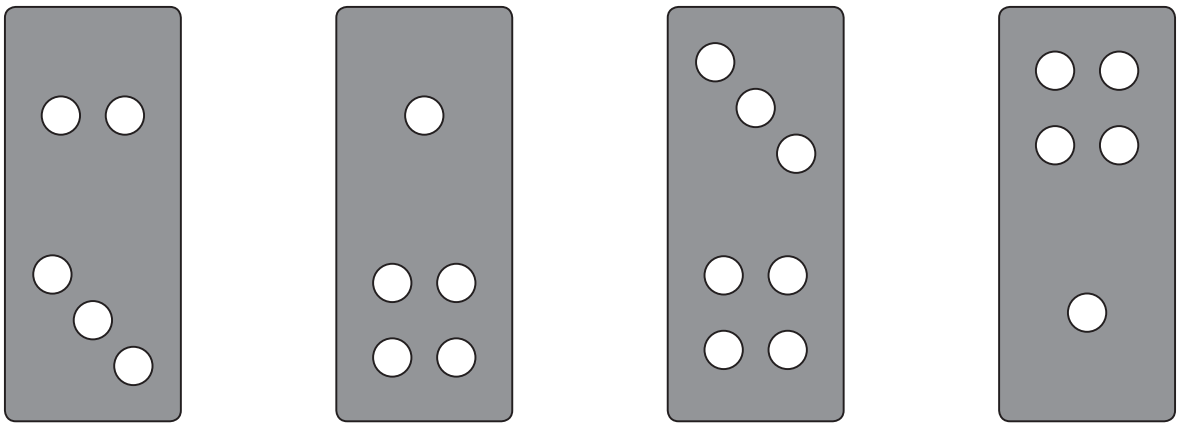
3 

5 

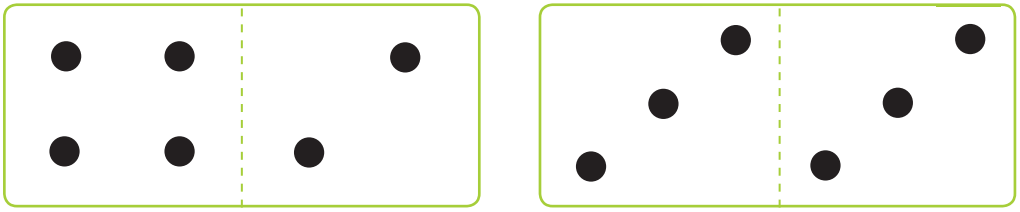
4 

2 

3 Colour the dominoes that show 5 altogether.



Draw 2 dominoes that show 6 altogether.

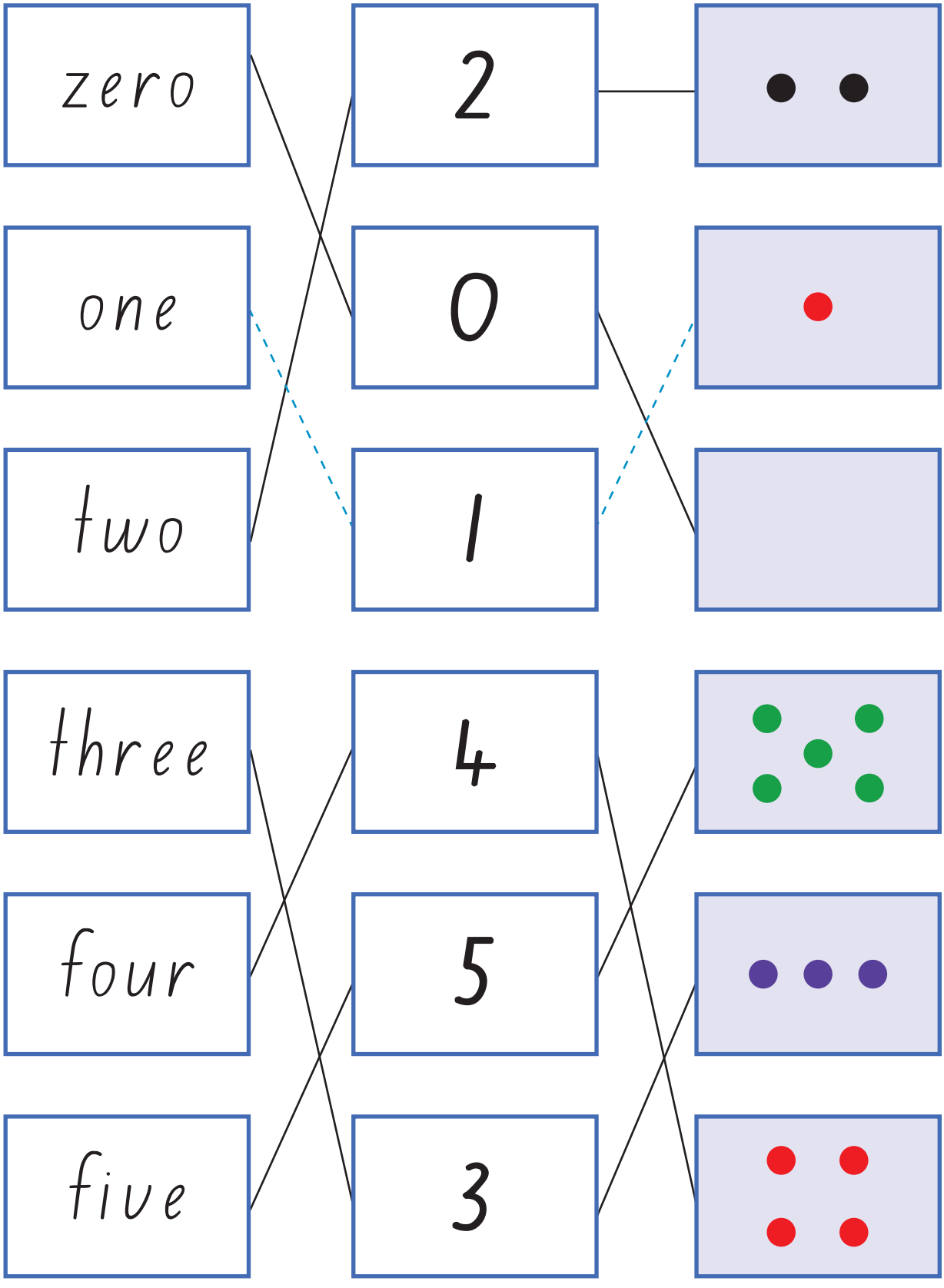


MiB 1 Card 8

ISBN: 978-0-521-74524-6

Number words

1 Match each word to its numeral and dot pattern.



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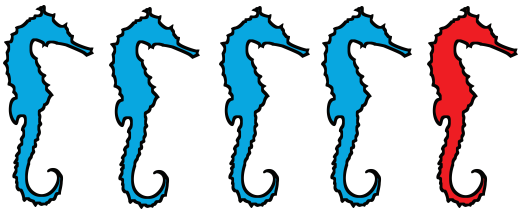
Number 5

1 Colour:

a 2 red
3 blue

b 1 red
4 blue



c 5 red
0 blue

2 Draw more to make 5.

 How many more to make 5? 4

 How many more to make 5? 3

 How many more to make 5? 2

 How many more to make 5? 1

 How many more to make 5? 0

Describe the dot patterns on this page.

ISBN: 978-0-521-74524-6

Count to 10

1

Circle the group of 5.

Tick the group of 6.

Colour the group of 7.

2

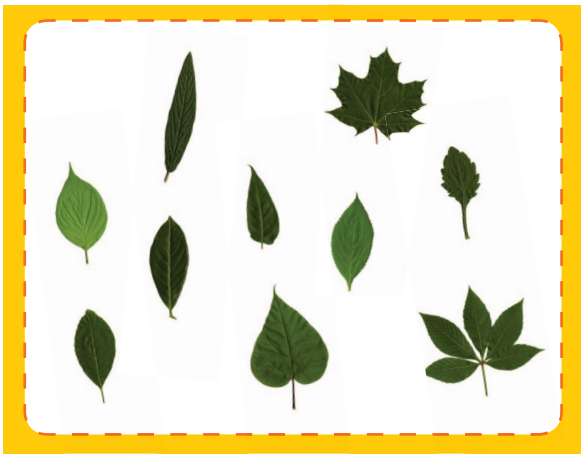
Cut out the picture cards from the top of page 115. Glue them to match each number.

7

8

9

10



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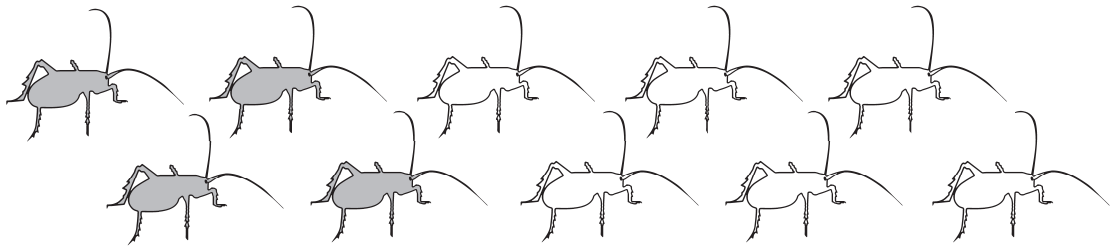
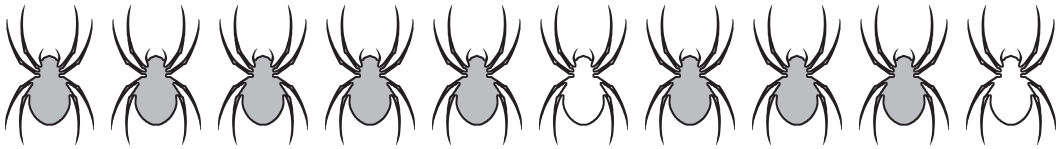
Creature counting

1 Trace the numerals. Colour that number of creatures.

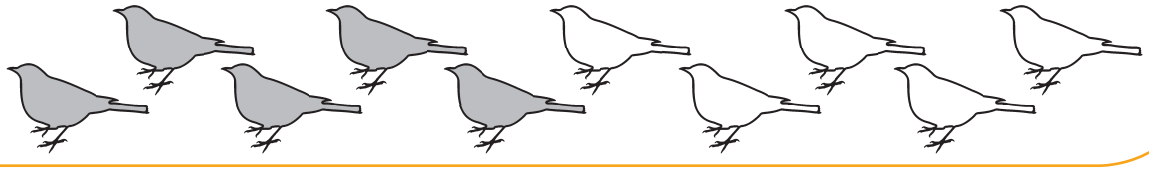
4



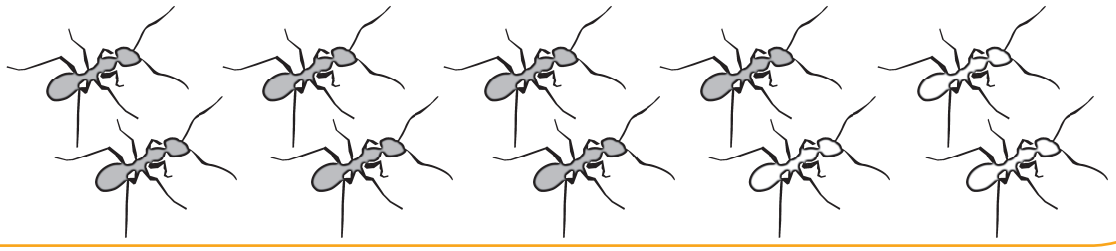
9



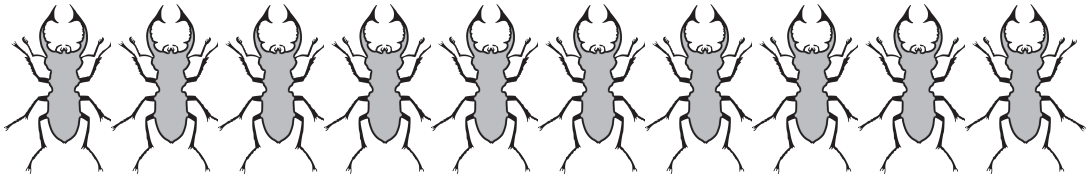
5



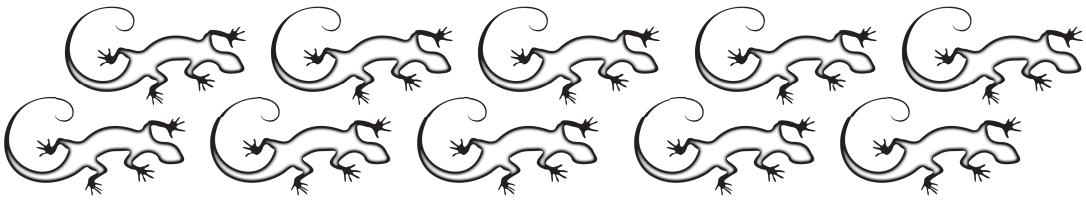
7



10



0

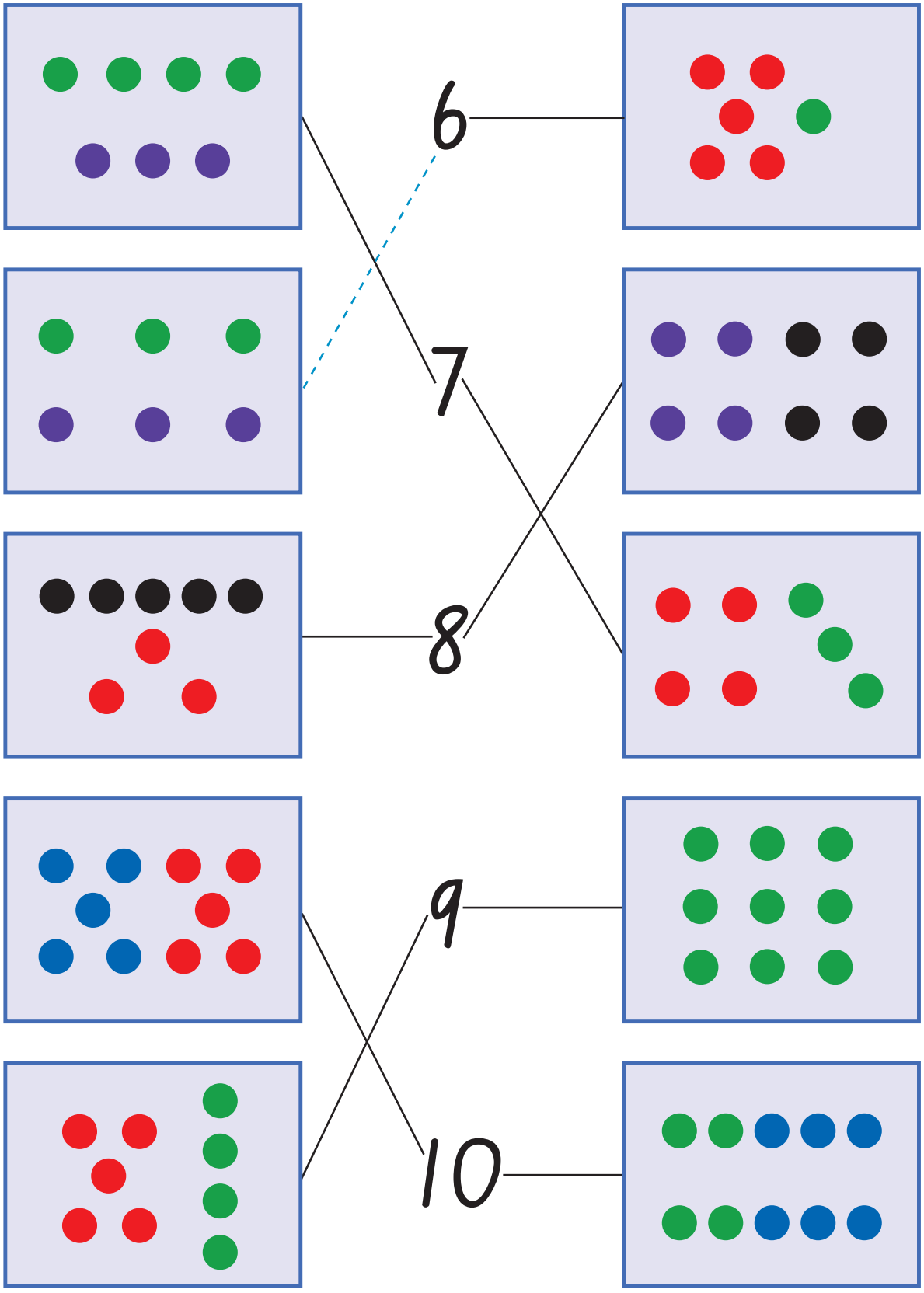


Tick the group that has the least number coloured. Explain how you know.

ISBN: 978-0-521-74524-6

Number match

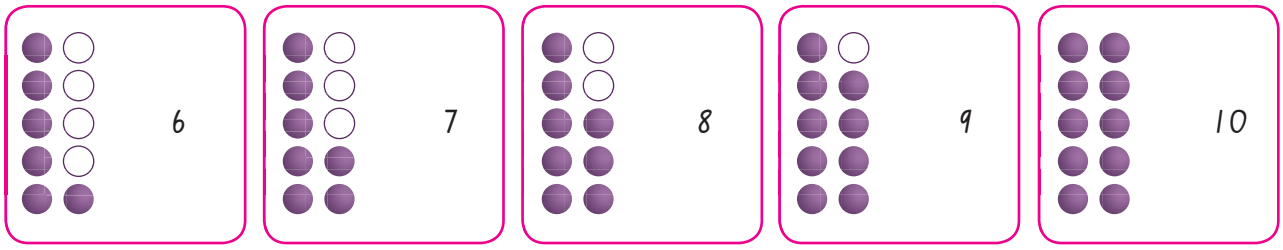
1 Match each dot pattern to its number.



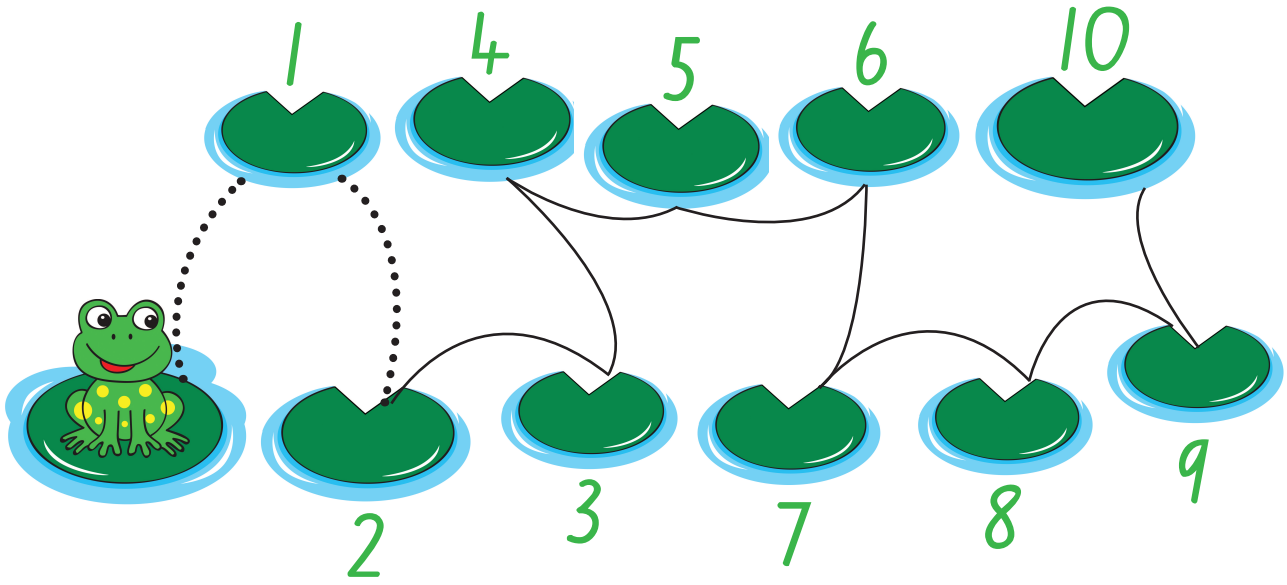
ISBN: 978-0-521-74524-6

Counting order

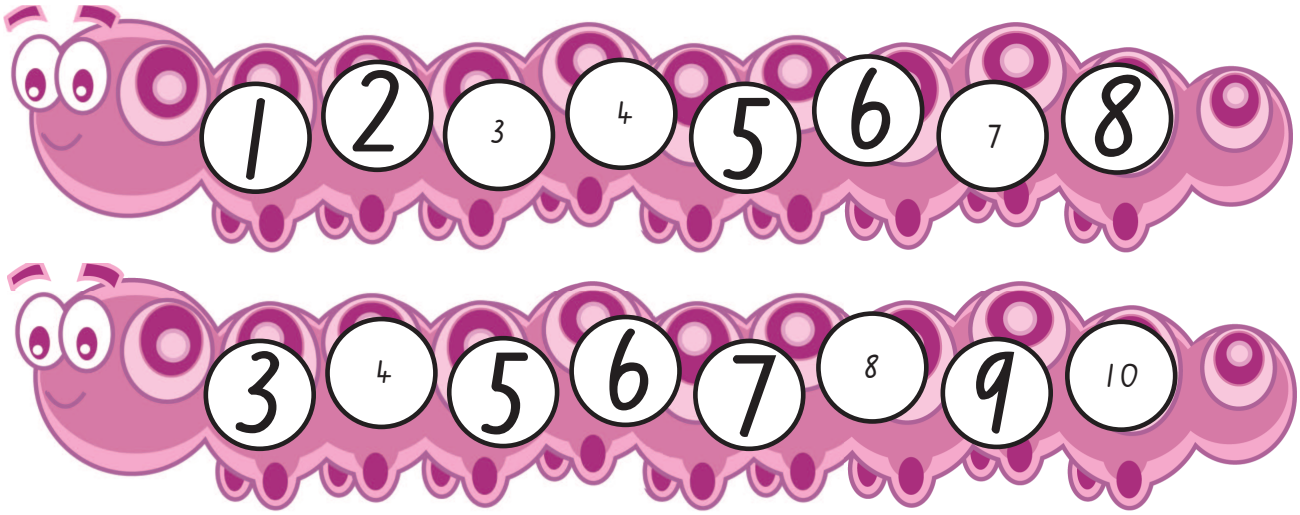
1 Write the numbers 6 to 10 in the boxes.



2 Draw lines to count forward on the lily pads.



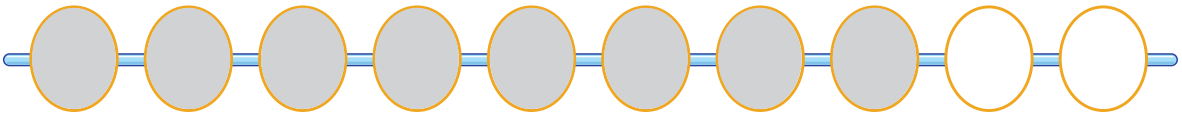
3 Complete the counting caterpillars.



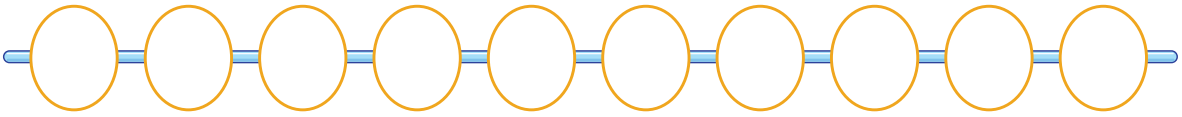
ISBN: 978-0-521-74524-6

1 Colour:

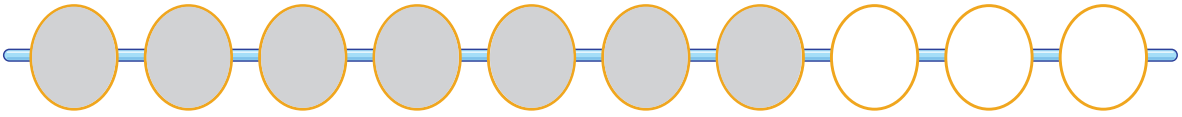
a 8 beads



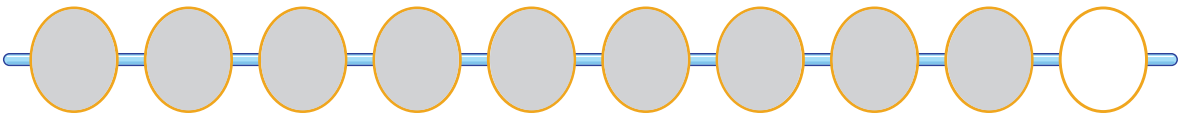
b 0 beads



c 7 beads



d 9 beads



2 Write the numbers in counting order.

3 5 4 → 3 4 5

7 5 6 → 5 6 7

10 8 9 → 8 9 10

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Before and after numbers

1 Trace and copy.

6 6 7 7 8 8 9 9 10 10

2 Follow these instructions.

Circle one **less** than 5.

Cross one **more** than 2.

Tick one **more** than 6.

Draw an umbrella on one **more** than 8.

1 2 ~~3~~ (4) 5 6 ~~7~~ 8 9 10

3 Write the number that is missing.

6	7	8	9
4	5	6	7
2	3	4	5

ISBN: 978-0-521-74524-6

Numbers to 10

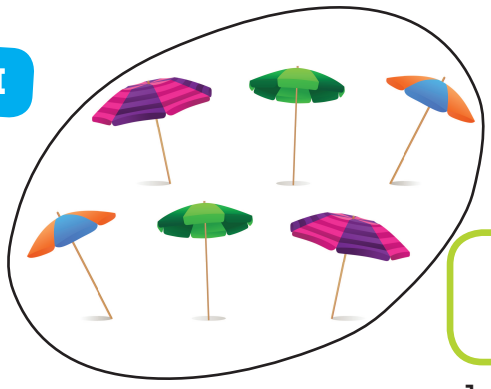
1 Trace and copy.

6 6 7 7 8 8 9 9 10 10

2 Write the total for each group.

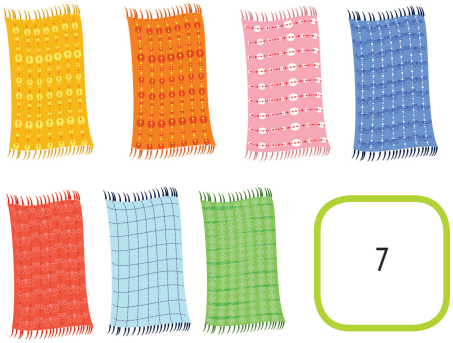
In each pair, circle the group with less.

a



6

umbrellas



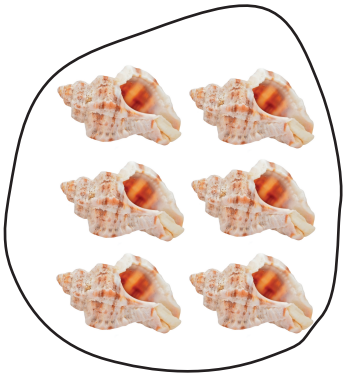
7

towels

b

8

crabs



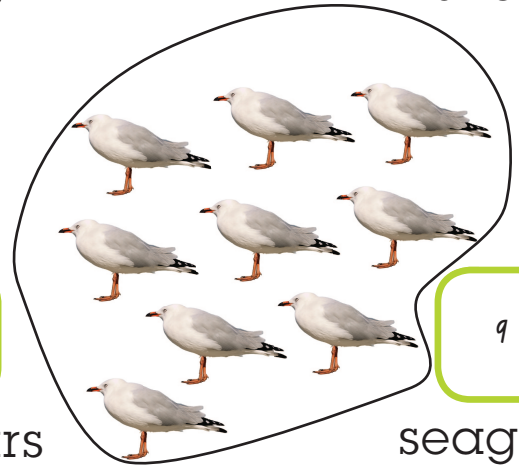
6

shells

c

10

sea stars



9

seagulls

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5 and some more

1 Draw more circles to show each number. How many more circles are needed?

6	●●●●● ○	1
7	●●●●● ○○	2
8	●●●●● ○○○	3
9	●●●●● ○○○○	4
10	●●●●● ○○○○○	5

Describe the patterns in Question 1.

2 How many more fingers are needed?

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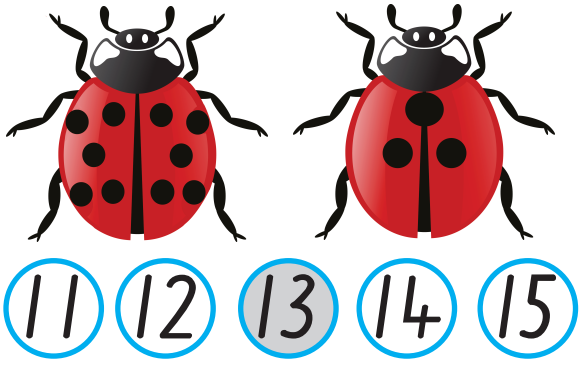
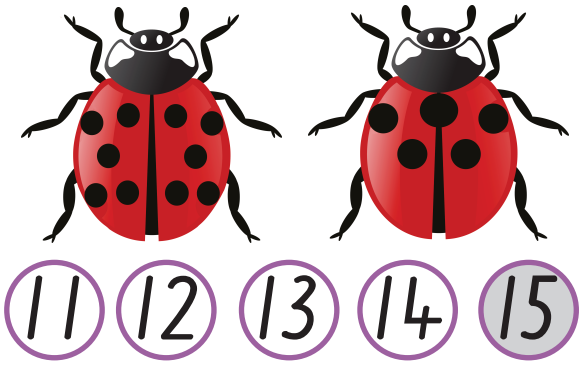
Counting to 15

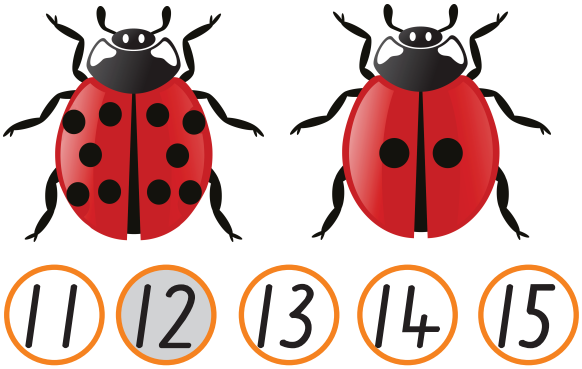
1 Trace and copy.

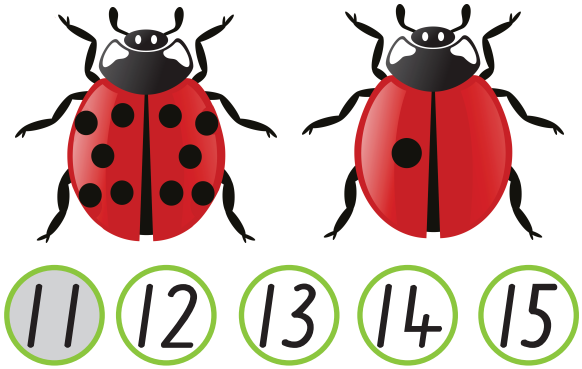
11 11 12 12 13 13 14 14 15 15

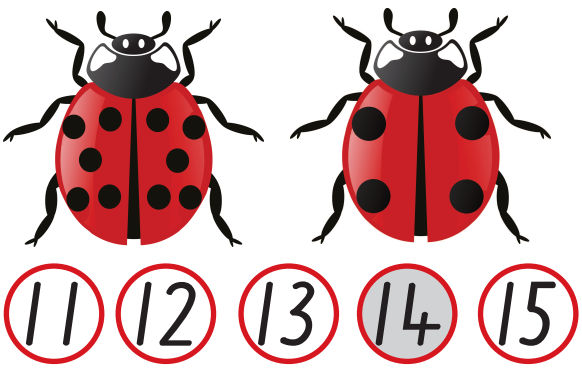
2 How many spots altogether?
Colour the correct number.











What is a quick way of counting the spots?

ISBN: 978-0-521-74524-6

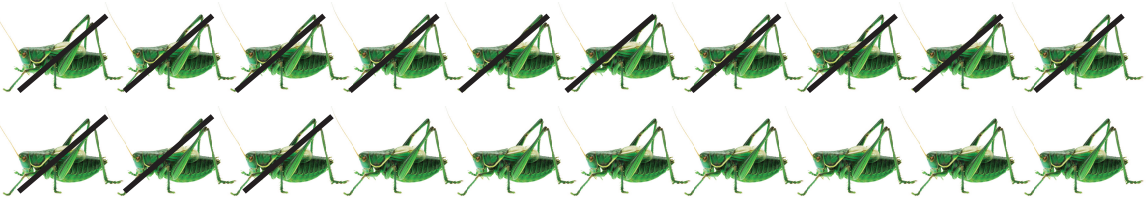
Numbers in the garden

1 Trace the numbers. Cross that number of insects.

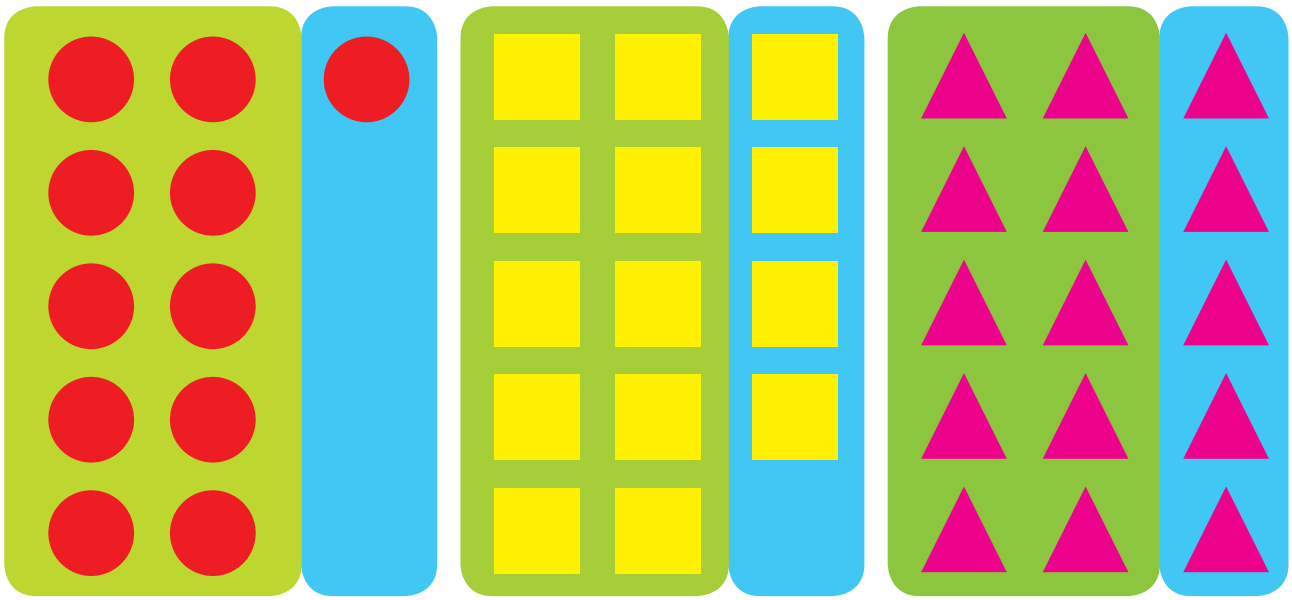
11

12

13



2 How many?

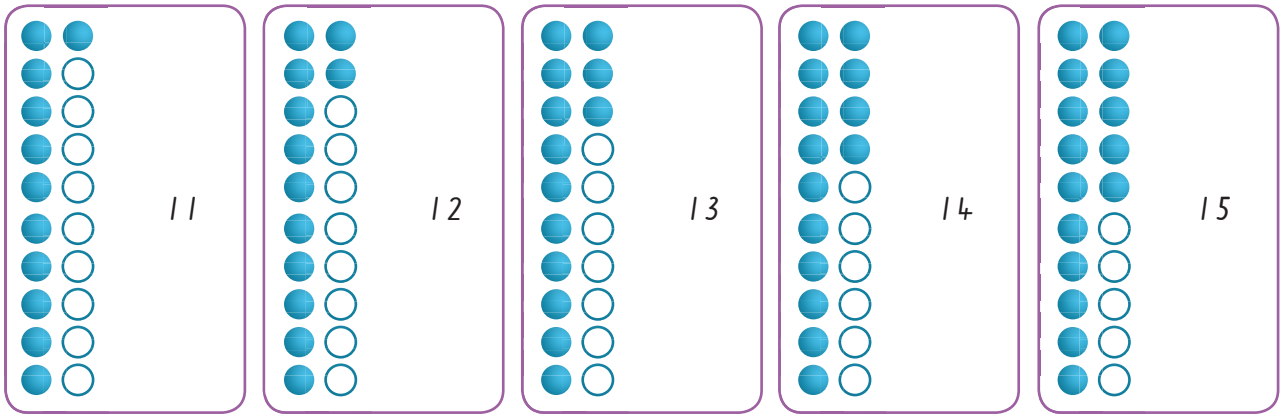


11 | 14 | 15

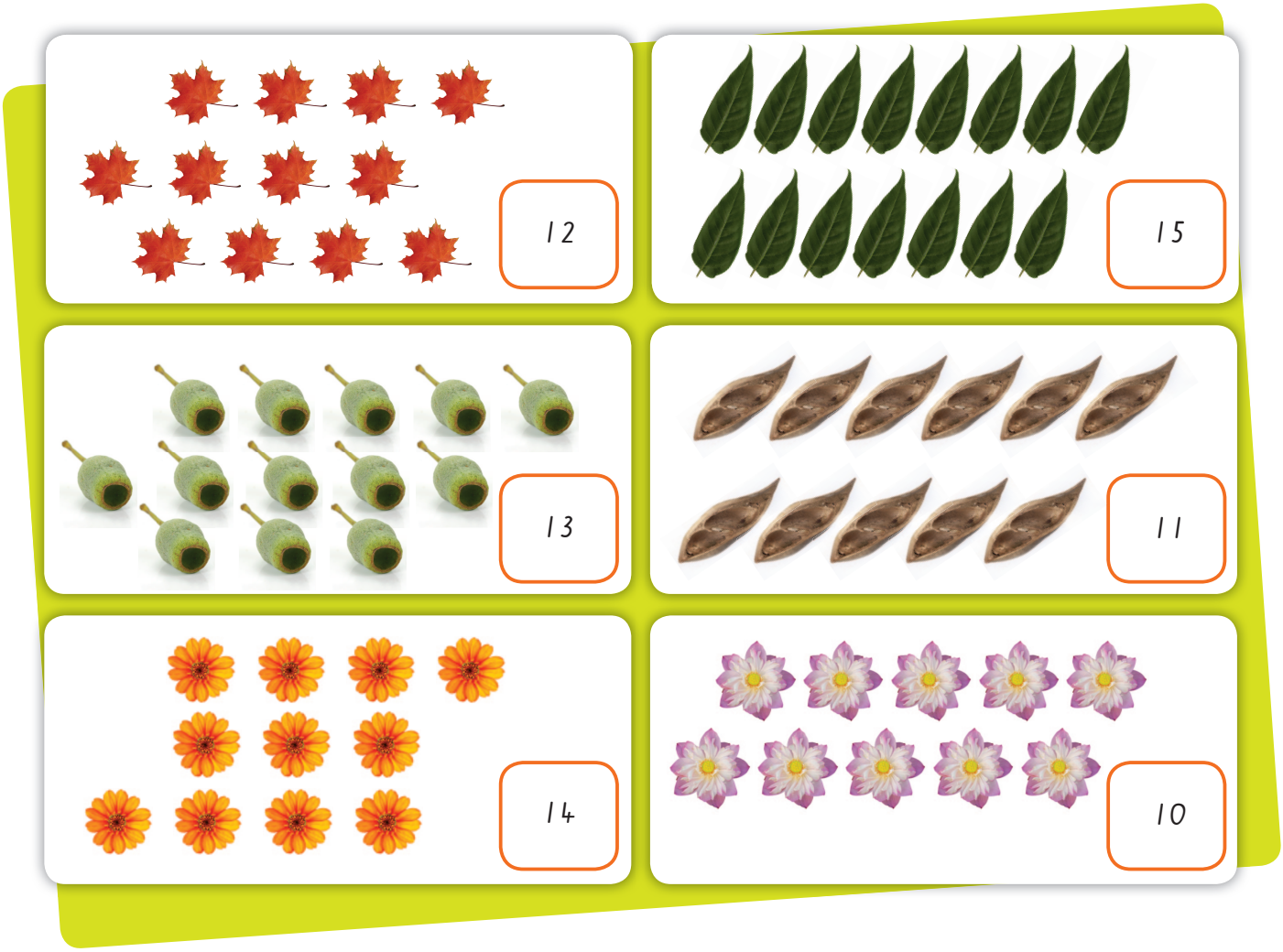
ISBN: 978-0-521-74524-6

Forest floor

1 Count the coloured spots. Write the numbers.



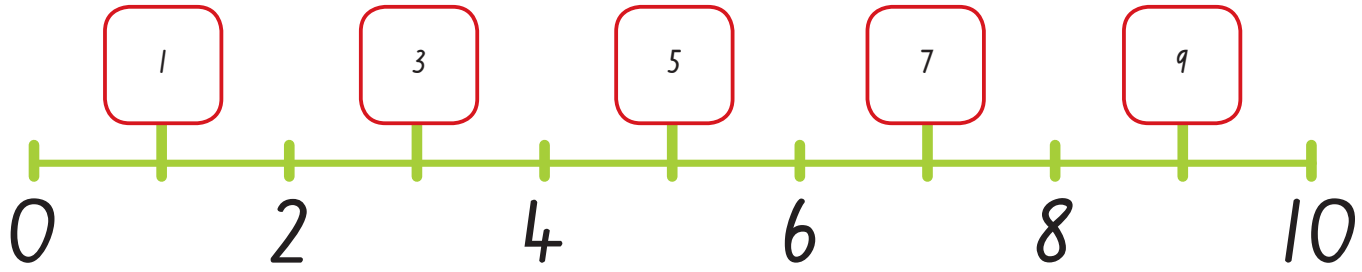
2 Write the total for each group.

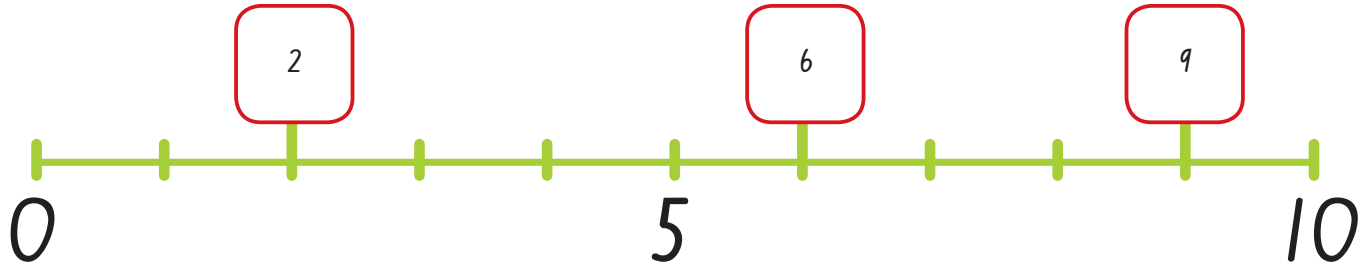


ISBN: 978-0-521-74524-6

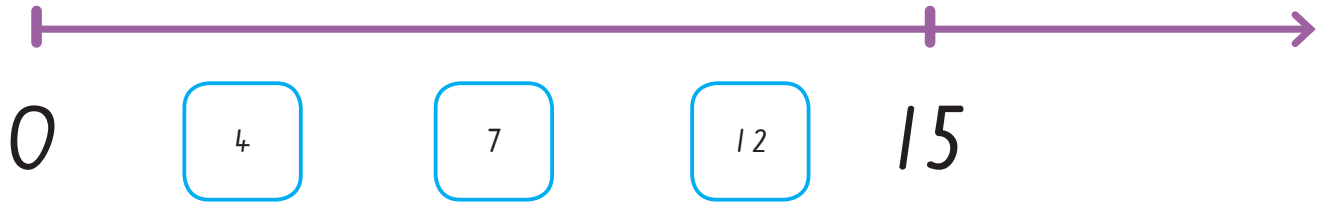
Number lines

1 Write the missing numbers.



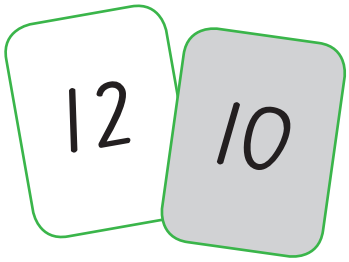


2 Write three numbers that are between these.

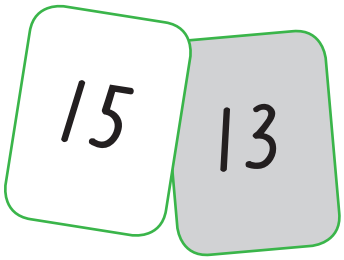


3 Colour the number that is less in each pair.

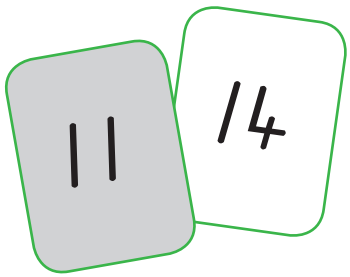
a



b



c

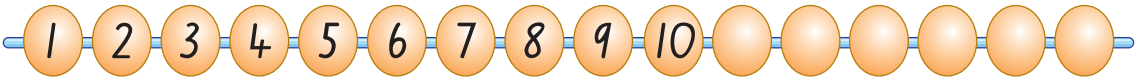


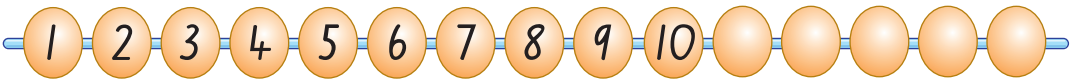
ISBN: 978-0-521-74524-6

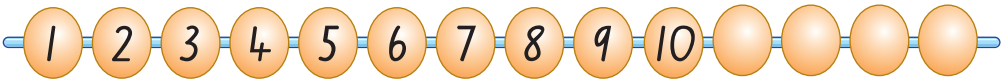
Teen number match

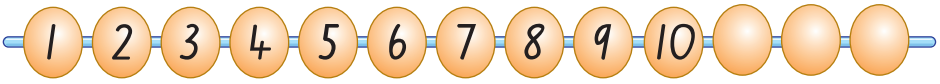
10 11 12 13 14 15 16 17 18 19 20

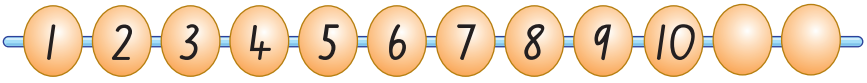
1 Count the beads and write each total.

a  16

b  15

c  14

d  13

e  12

2 Draw the beads for the next string in the pattern above.

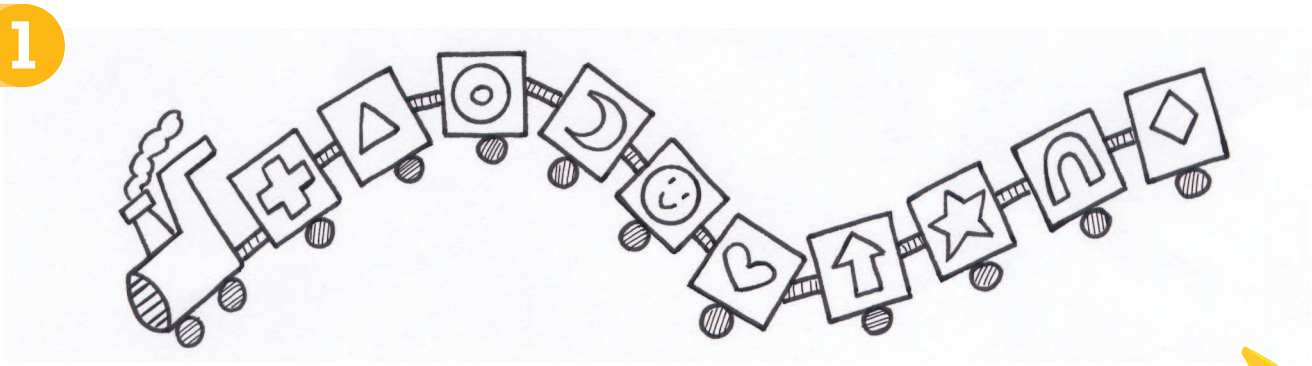
3 Colour the numbers that are more than 15.

18 14 19 17 11

ISBN: 978-0-521-74524-6

Ordinal numbers

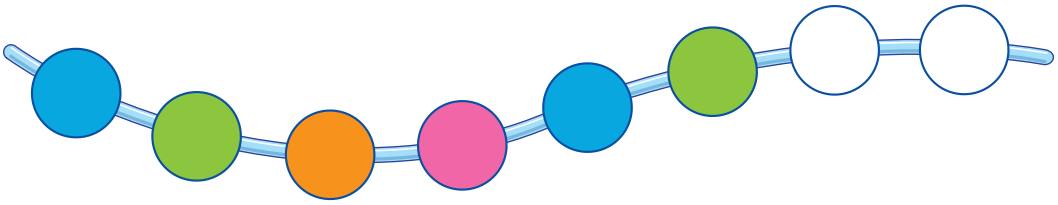
1



Draw the shape in the:

2nd carriage		5th carriage	
7th carriage		9th carriage	

2



Colour the 1st and 5th beads blue.

Colour the 2nd and 6th beads green.

Colour the 3rd bead orange.

Colour the 4th bead pink.

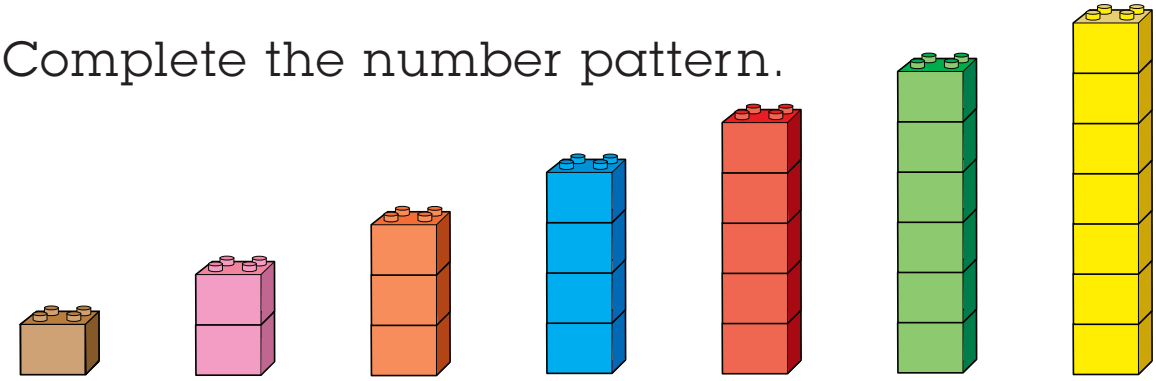
Complete the repeating pattern.

MiB 1 Cards 6&7

ISBN: 978-0-521-74524-6

Number patterns

1 Complete the number pattern.



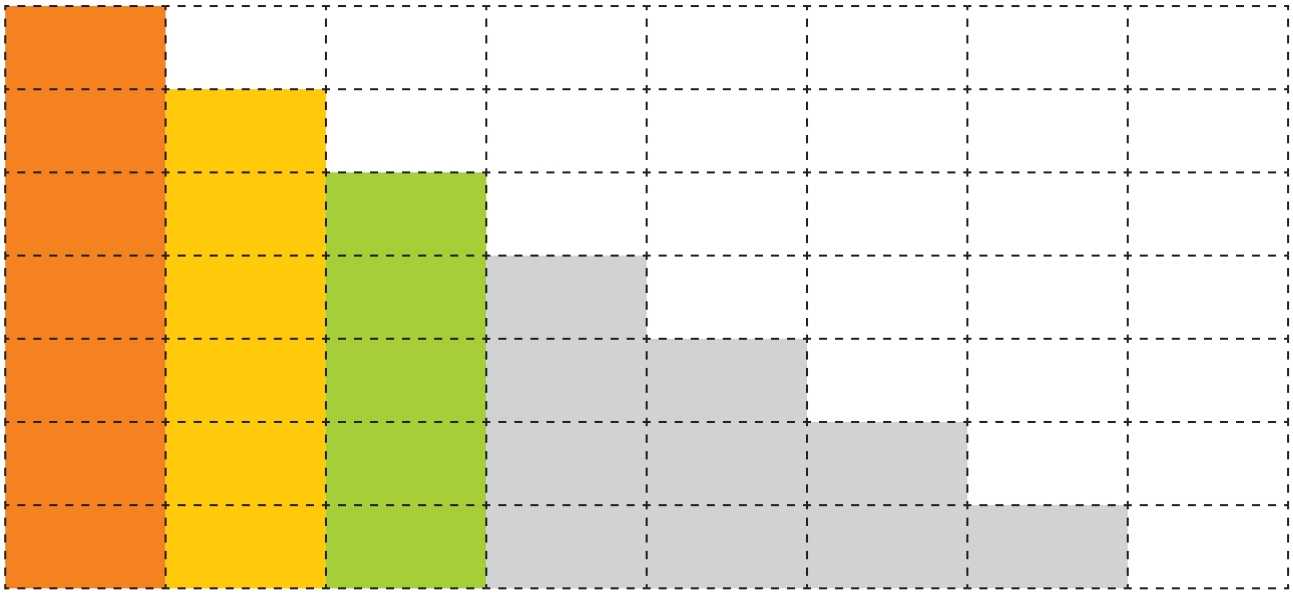
1	2	3	4	5	6	7

2 **a** How many cubes will be in the next tower? 8

b How many cubes will be in the 10th tower? 10

How do you work it out?

3 Colour the staircase pattern and write the number pattern.



7	6	5	4	3	2	1	0

ISBN: 978-0-521-74524-6

Counting to 20

1 Trace and copy.

16 16 17 17 18 18 19 19 20 20

2 Write the missing numbers.

15 16 17 18 19 20 14 13 10 11 12

Describe the number pattern.

3 Write the number that follows.

15 16 17 → 18

13 14 15 → 16

16 17 18 → 19

MiB 1 Cards 1&2

ISBN: 978-0-521-74524-6

Number order

1 Use the number line to answer the questions.

a Write a number that is more than 18. 19

b Write a number that is less than 13. 11

c Write a number that is between 14 and 17. 15

d What number is 2 more than 12? 14

2 Order the numbers from smallest to largest.

16 15 17

15 16 17

12 14 13

12 13 14

19 18 17

17 18 19

ISBN: 978-0-521-74524-6

Twenty chart

1 Complete the number chart.

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

2 In the number chart:

a Colour red the numbers with 8 as a digit.

b Colour blue the numbers with 1 as a digit.

c Circle your age.

Talk about the number patterns.

ISBN: 978-0-521-74524-6

Count backwards from 20

1 Start at number 20 and count backwards to number 1.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

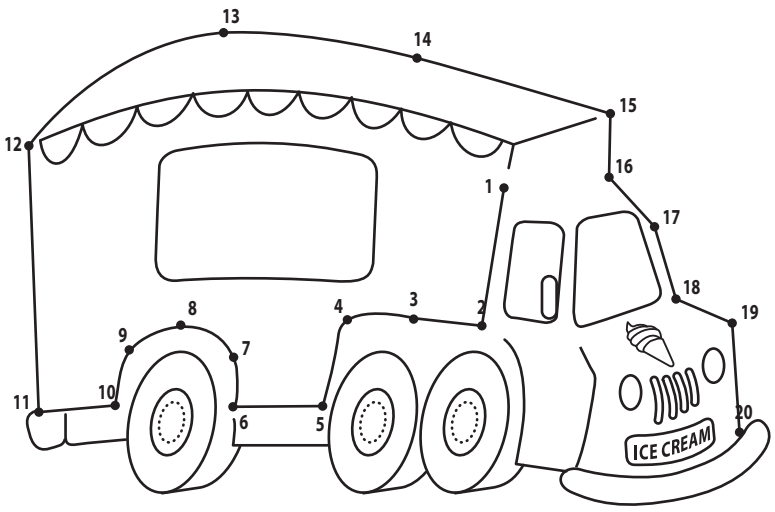
2 Write the number that comes before.

16 ← 17 | 18 ← 19 | 0 ← 1

10 ← 11 | 19 ← 20 | 13 ← 14

3 Join the dots.

Start at 20 and count backwards.



MiB 1 Card 3

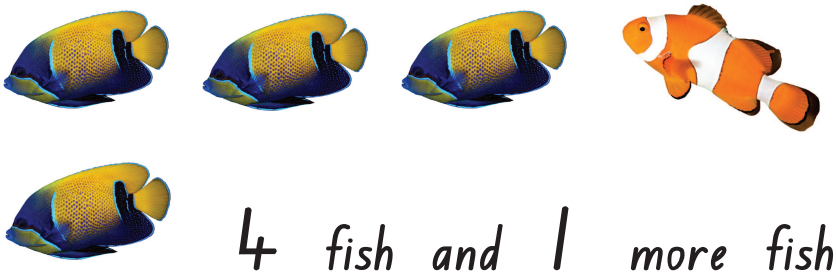
ISBN: 978-0-521-74524-6

Addition stories

1 Complete the number stories.

2 crabs and 1 more crab equals [3] crabs.

3 shells and 2 more shells equals [5] shells.



4 fish and 1 more fish equals [5] fish.

2 jellyfish and 2 more jellyfish equals [4] jellyfish.

Create your own addition story for a friend to solve.

ISBN: 978-0-521-74524-6

Subtraction stories

1 Use the pictures to solve each problem.

Problem	Picture clue	Answer
Zane blows out 3 candles on his cake. How many candles are left burning?		1
Ella blows out 4 candles on her birthday cupcakes. How many candles are left burning?		2
Jodie has 7 balloons. 2 balloons pop. How many are left?		5
Min has 2 balloons. 2 balloons pop. How many are left?		0
Alan gives 3 ice-creams to a friend. How many ice-creams are left?		1

MiB 1 Card 40

Write your own subtraction story for a friend to solve.

ISBN: 978-0-521-74524-6

Add one more

1 Add one more. Write the new total.

How many?

5

How many?

8

How many?

9

How many?

4

Draw a picture to help you work it out.

4 players each scored 2 goals in the netball game. How many goals did the team get?

8

ISBN: 978-0-521-74524-6

Take away one

1 Take away one. Write the new total.

How many?

5

How many?

4

How many?

6

How many?

8

There were 5 balls in the sports bag. 3 students took a ball each. How many balls are left in the bag?

2

Draw a picture to help you work it out.

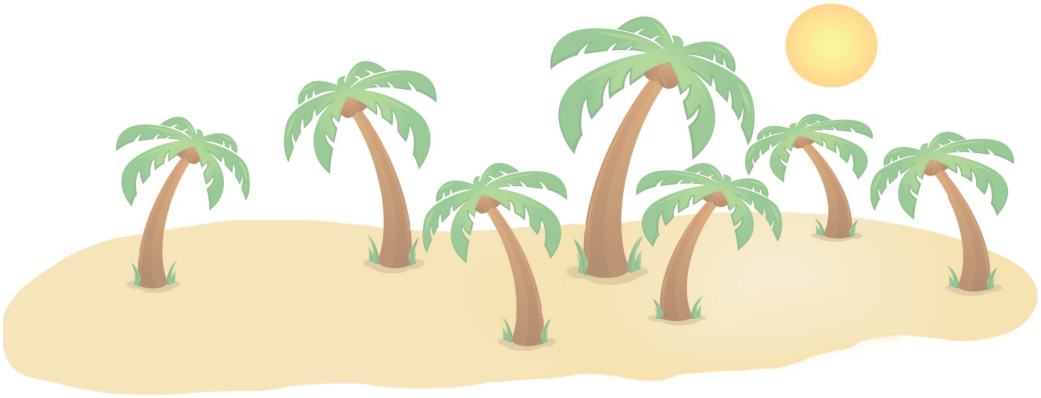
ISBN: 978-0-521-74524-6

Addition, me hearties!

1 Draw another 2 ships. How many ships altogether?

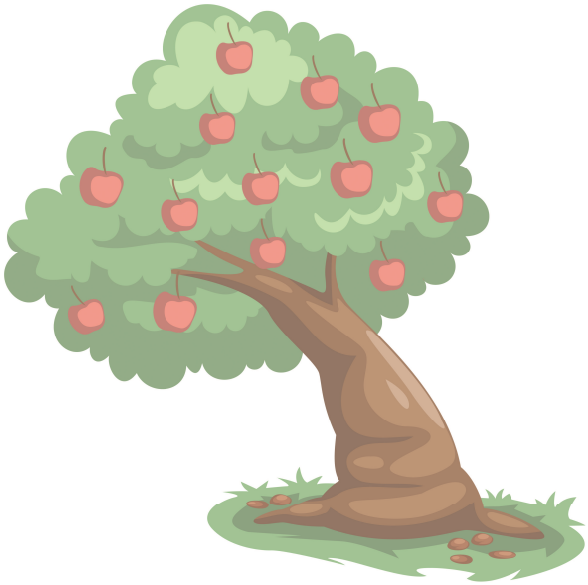
6

2 Draw another 3 trees on the island. How many trees altogether?



7

3 Draw 5 more apples on the apple tree. How many apples altogether?



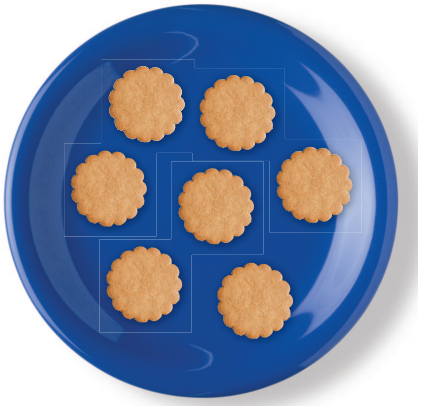
13

If you drew one more apple on the tree, how many would it have? What is a quick way of working it out?

ISBN: 978-0-521-74524-6

One hungry pirate

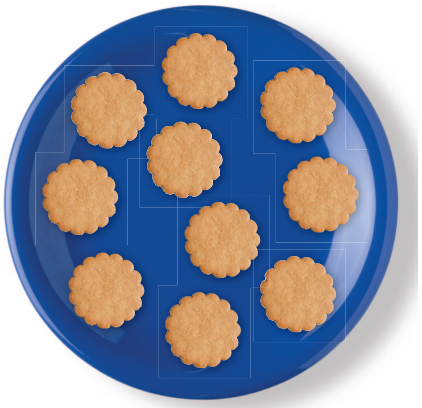
1 If Pirate Peg eats 3 biscuits from each plate, how many are left?



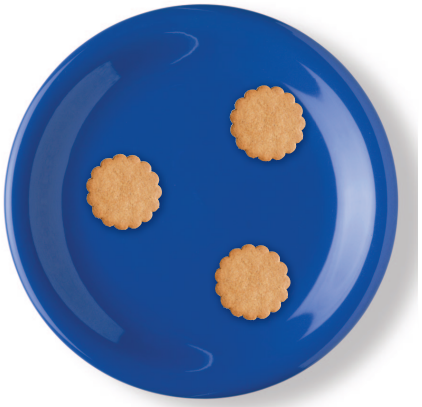
4 left

5 left

6 left



7 left



0 left

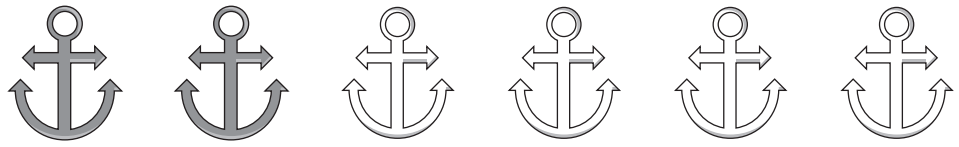
If Pirate Peg eats 1 more biscuit from each plate, how many are left? What is a quick way of working it out?

MiB 1 Card 33

ISBN: 978-0-521-74524-6

More

1 Colour the group with more.



How many more?

2

2 Colour the group with more.

How many more?

1

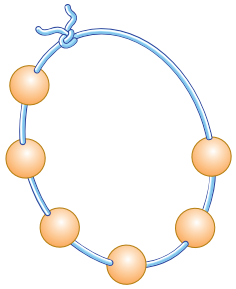
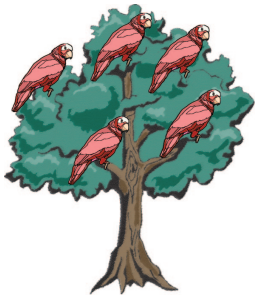
3 Pirate Pete found 2 coins. Pirate Roger found 5 coins. Draw a picture to work out how many more Roger has.

Pirate Roger has 7 more coins than Pirate Pete.

ISBN: 978-0-521-74524-6

Mixed stories

1 Use the pictures to solve each problem.

Problem	Picture starter	Answer
If Peg adds 2 pearls to her necklace, how many pearls altogether?		8
If 3 birds fly away, How many birds are left in the tree?		2
If Pete finds 3 more coins, how many coins altogether?		9
If Ping loses 2 keys, how many keys are left?		4

2 Draw your own picture to solve. Peg has 4 flags. Pete has 6. How many flags altogether?

10

ISBN: 978-0-521-74524-6

Cover up

1 Use your hand to cover some of each group.

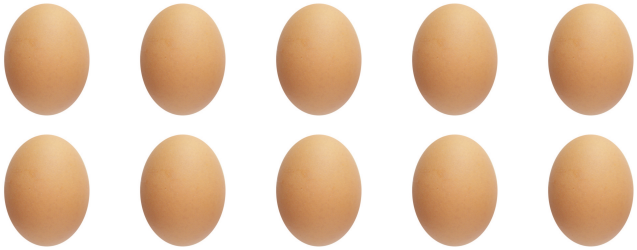
Cover 2 buckets.

leaves 8 buckets

Cover 4 horseshoes.

leaves 6 horseshoes

Cover 8 eggs.

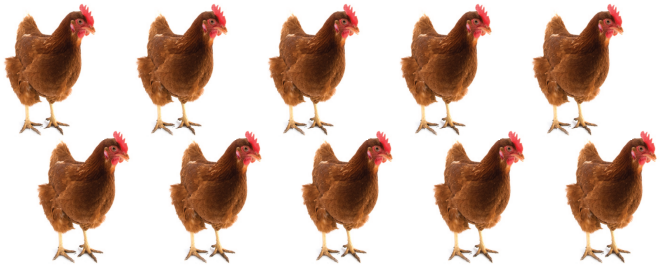


leaves 2 eggs

Cover 1 brush.

leaves 9 brushes

Cover 3 chickens.



leaves 7 chickens

If you covered one more in each group, how many would be left of each? What is a quick way of working it out?

ISBN: 978-0-521-74524-6

How many more?

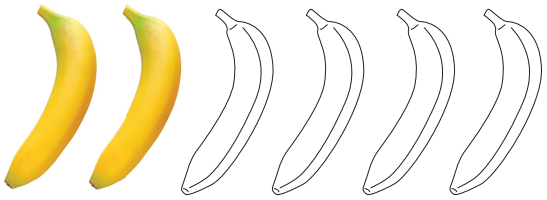
1 Draw more to make the number shown.

Make 5.

How many more?

2

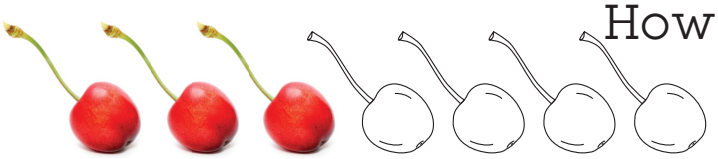
Make 6.



How many more?

4

Make 7.



How many more?

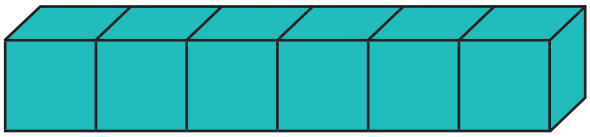
4

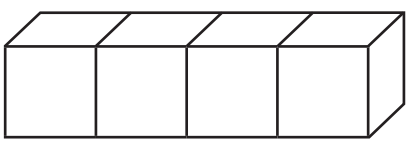
Make 9.

How many more?

4

2 Colour the row with more blocks.





How many more?

2

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Addition problems

1 Use the picture clues to help solve the problems.

Problem	Picture clue	Answer
Here are 3 cows. 2 are away being milked. How many cows altogether?		5
Here are 2 horses. There are 3 horses in the barn. How many horses altogether?		5
Here are 3 sheep. 1 sheep is in the shed. How many sheep altogether?		4

Create your own addition problem using ducks.

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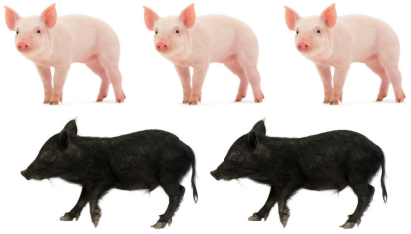
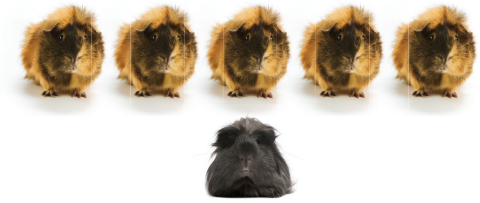
Addition sentences

1 Complete the addition sentences.



3 and 2 equals 5

2 and 4 equals 6



5 and 1 equals 6

6 and 2 and 1 equals 9

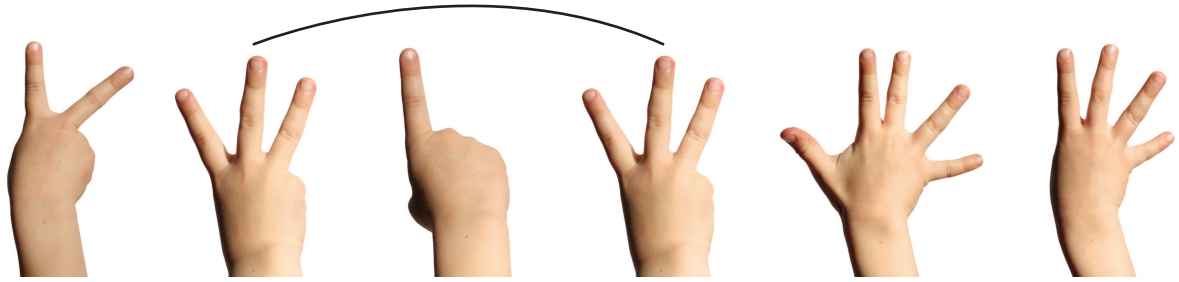
2 Make your own addition sentence.

MiB 1 Cards 30&35

ISBN: 978-0-521-74524-6

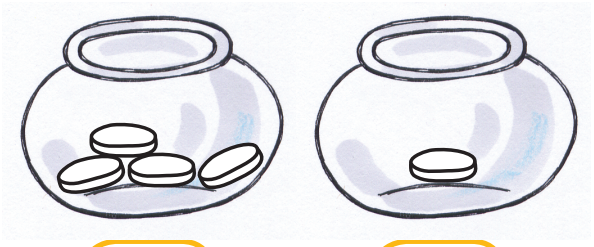
Combinations

1 Match pairs of hands to show 6 fingers altogether.

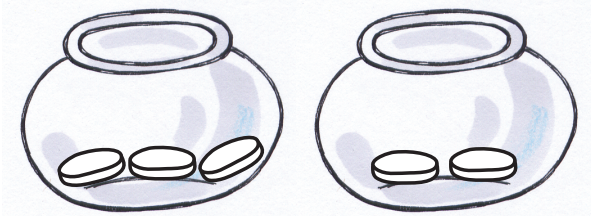


2 Show the different ways you can arrange 5 counters. Draw them in the bowls. The first is done for you.

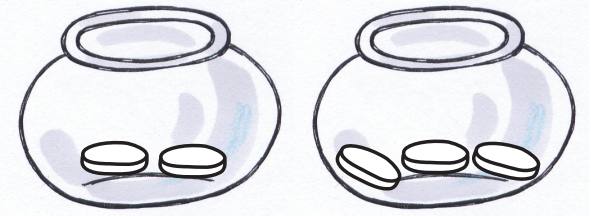
1 4



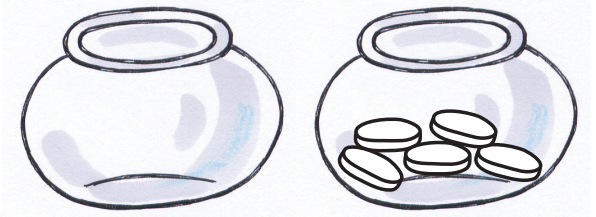
4 1



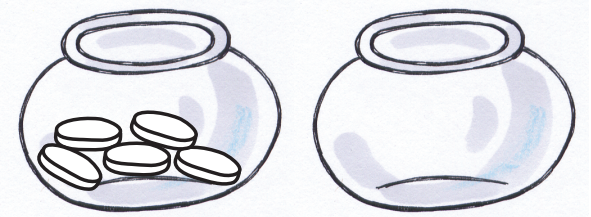
3 2



2 3



0 5



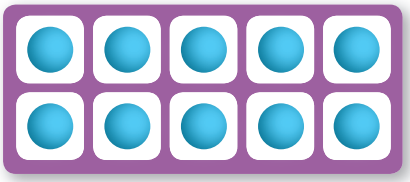
5 0

MiB 1 Card 36

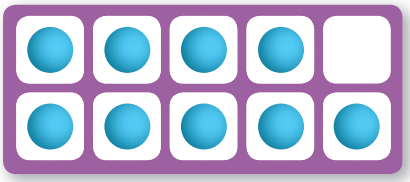
ISBN: 978-0-521-74524-6

Addition facts for number 10

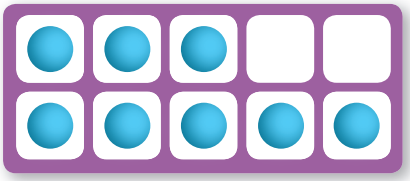
1 Draw more counters to make 10.
Write the numbers.



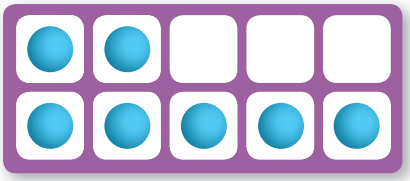
10 and 0 equals 10



9 and 1 equals 10



8 and 2 equals 10



7 and 3 equals 10

2 Write more combinations for number 10.

6 and 4 equals 10

5 and 5 equals 10

4 and 6 equals 10

3 and 7 equals 10

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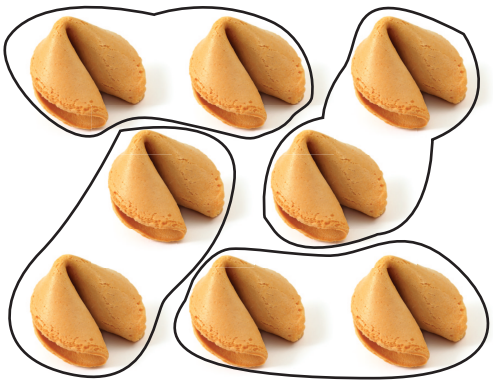
Making groups

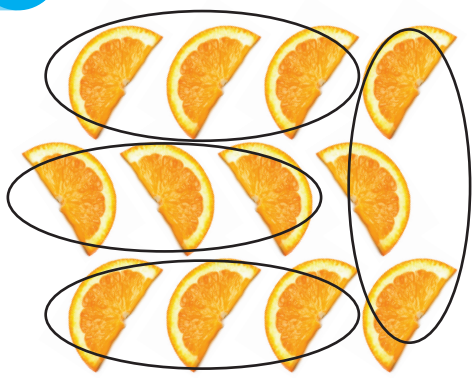
1 Circle groups of 2. How many 2s?

3

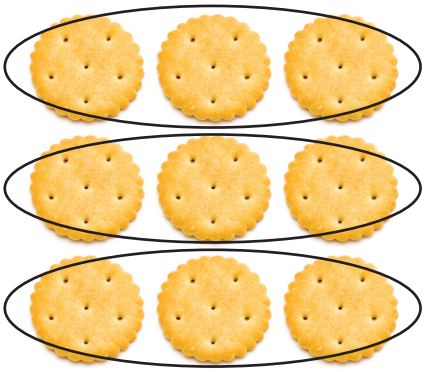


4

2 Circle groups of 3. How many 3s?

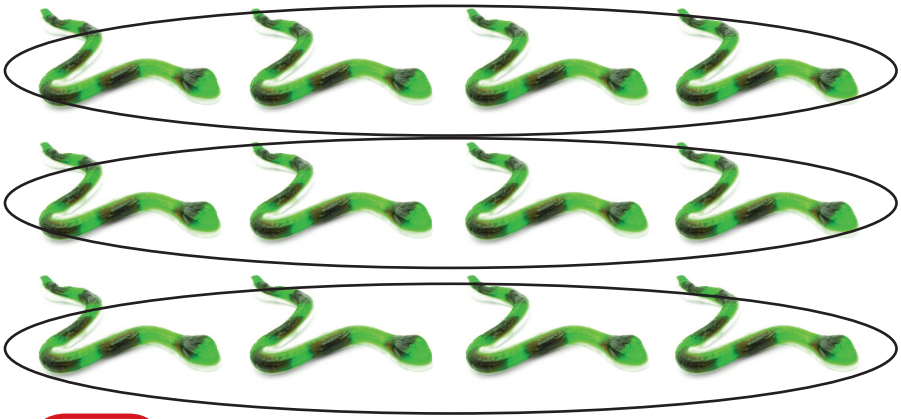


4



3

3 How many bags of 4 can you make?



Circle groups of 4 to help you.

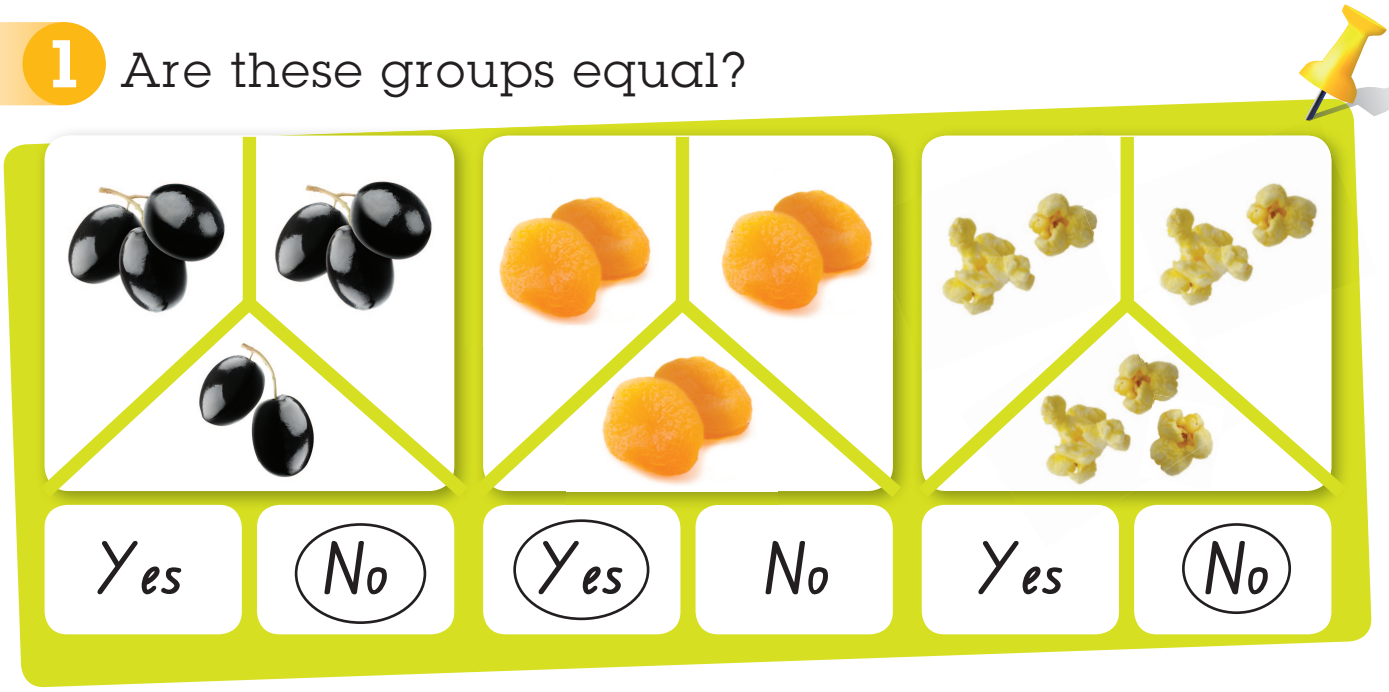
3 bags of snakes

Make equal groups from 6 counters. Can you make 3 different equal groups?

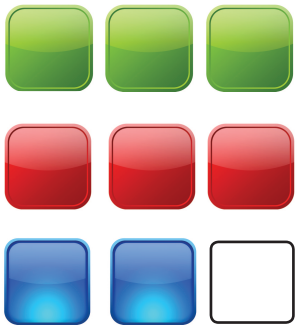
ISBN: 978-0-521-74524-6

Equal or unequal?

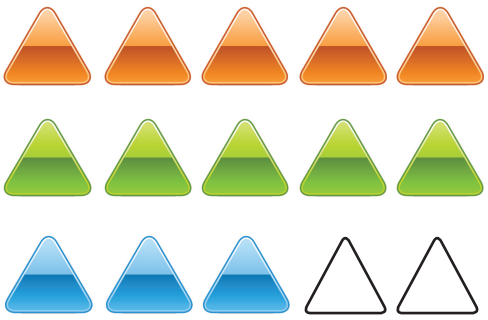
1 Are these groups equal?



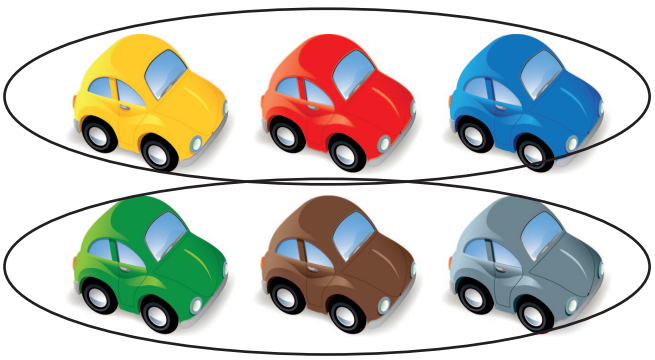
2 Draw more shapes to make these groups equal.



To make them equal is to make them have the same number.



3 Circle the toys to make 2 equal groups.



2 equal groups of cars

2 equal groups of dolls

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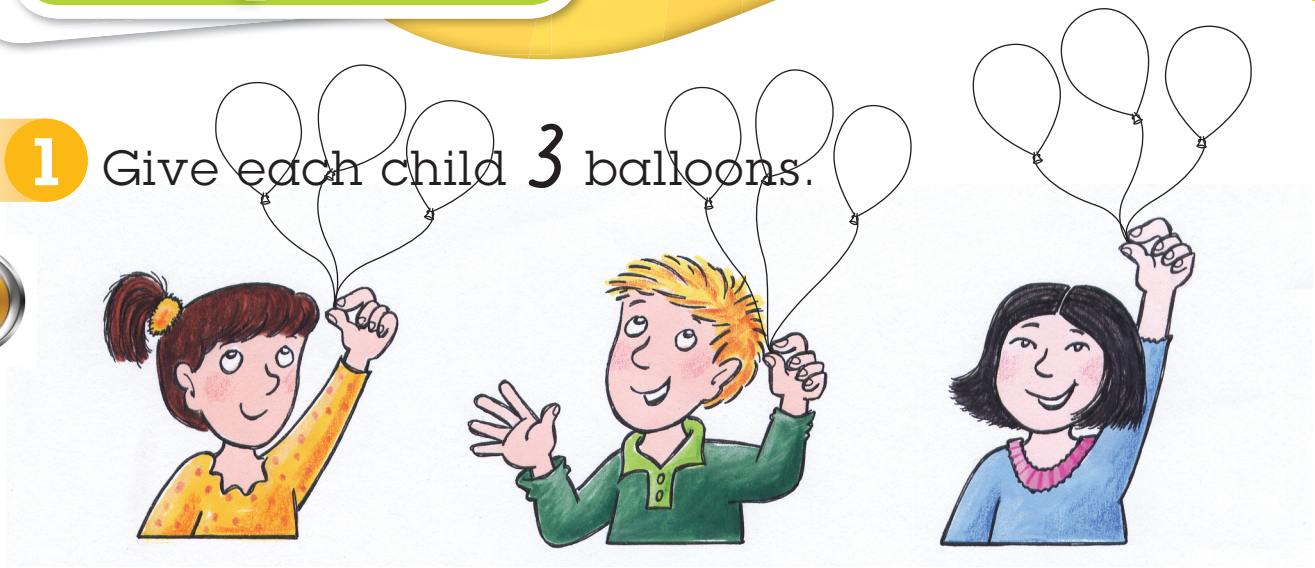
Multiplication

1 Give each child 3 balloons.



How many balloons altogether? 9

How many children? 3

2 Give each child 2 sausages.

How many sausages altogether? 8

How many children? 4

To give each child in your class 2 pencils, how many pencils would you need?

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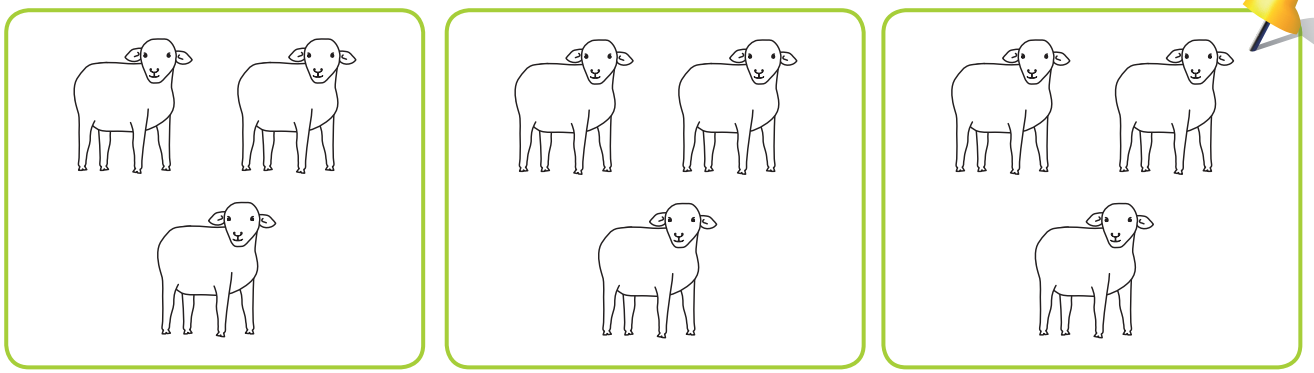
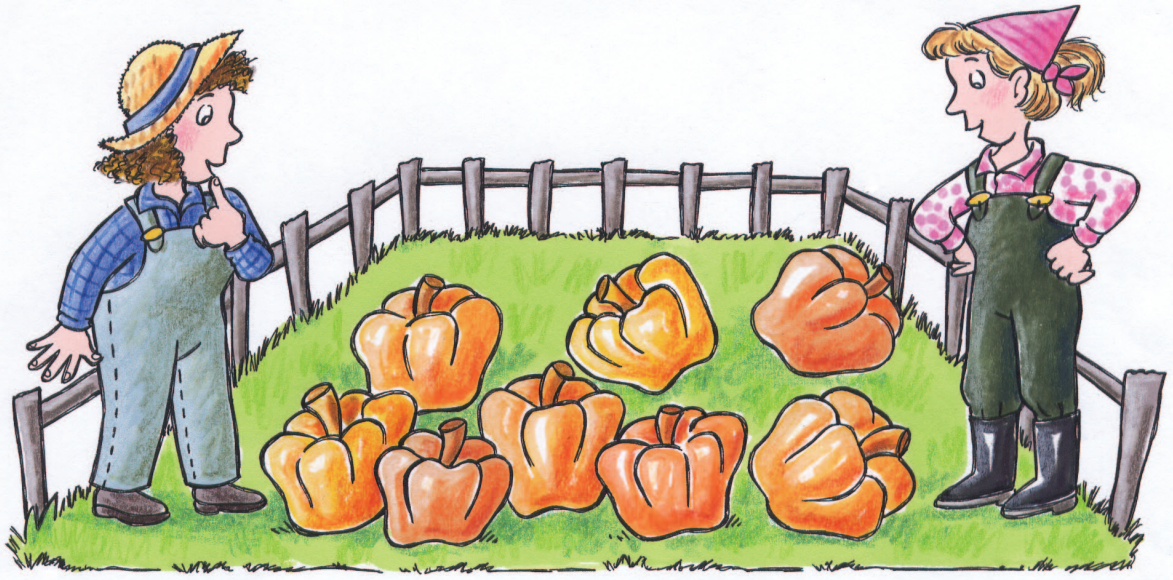
Sharing on the farm

1 Move an equal number of the sheep shown into each paddock. Draw the sheep in the paddocks.



How many in each paddock? 3

2 Farmer John has grown 8 pumpkins. Share them equally between Jill and Jan.



How many do they each get? 4

MiB 1 Cards 58&68

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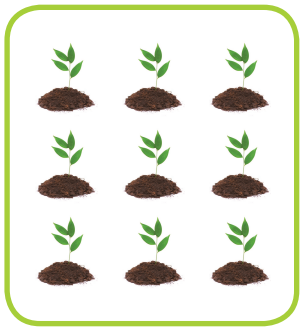
Cambridge University Press

Farming in rows

1 Have the farmers planted their crops in equal rows? Circle Yes or No.

Yes (No)

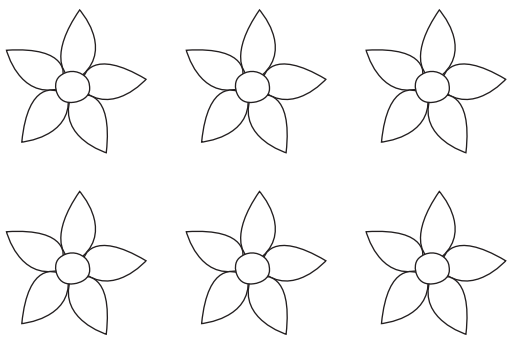


(Yes) No

Yes (No)

2 Draw more to make the rows equal.

3 Draw 6 flowers in equal rows.



Use 6 counters to work this out, using trial and error.

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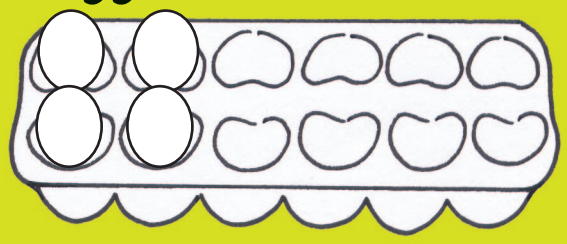
Rows

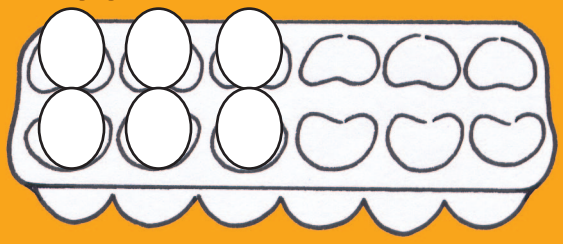
1 Draw the eggs in the cartons in equal rows.

4 eggs



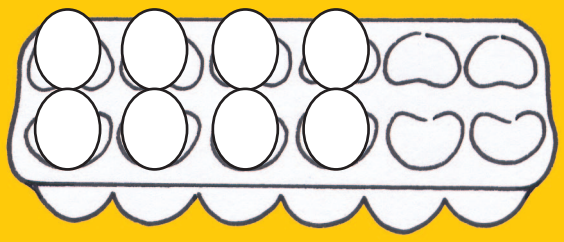
2 in each row.

6 eggs



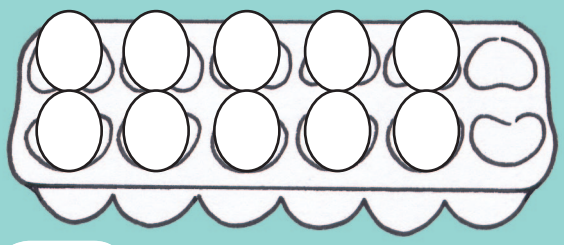
3 in each row.

8 eggs



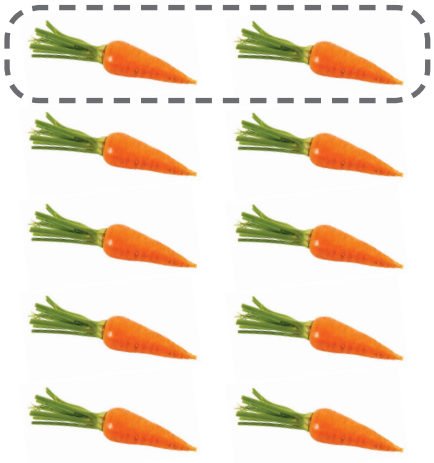
4 in each row.

10 eggs

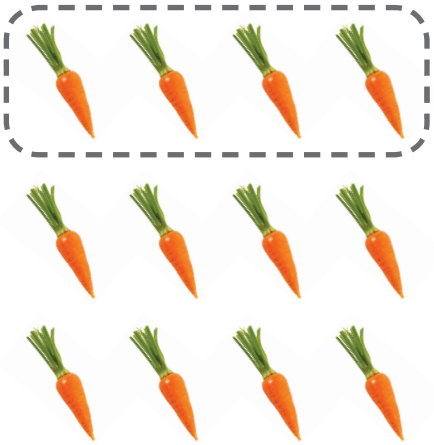


5 in each row.

2 How many rows of carrots will you need to pick 8 carrots? One row has been circled for you.



5 rows



3 rows

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Sporting groups

1 Use the pictures to help you count the totals.

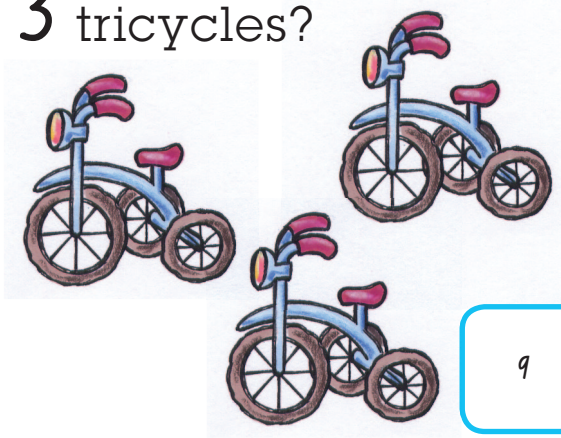
How many floaties on 2 children?

4

How many flippers on 4 divers?

8

How many wheels on 3 tricycles?



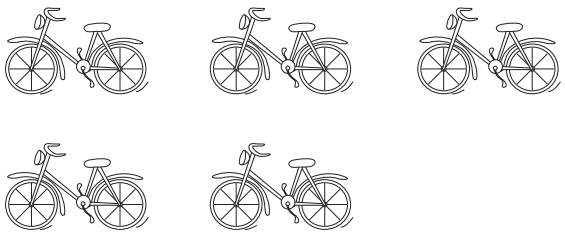
9

How many buttons on 2 shirts?

10

2 How many wheels on 5 bikes? Draw a picture to work it out.

10



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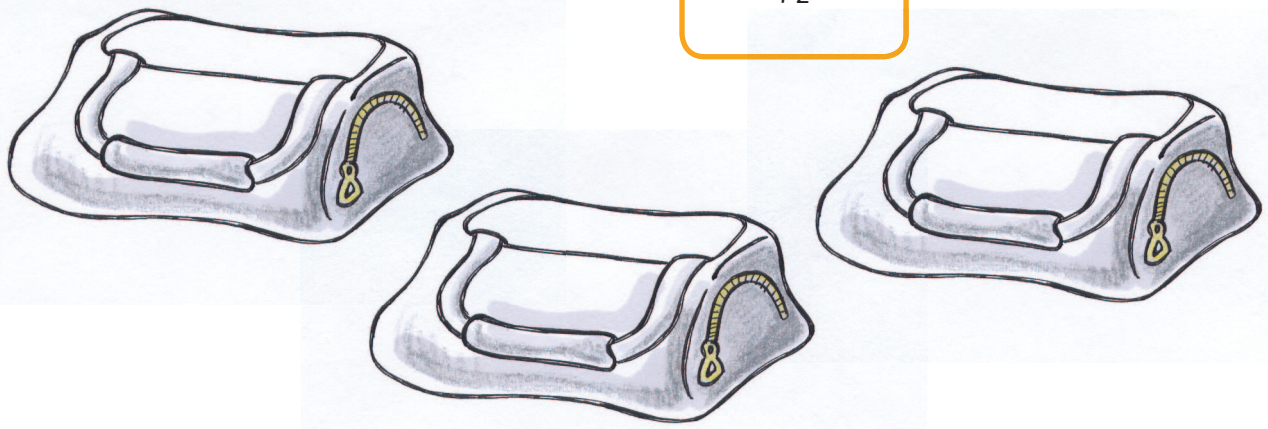
Draw to solve

Use drawings to work out these problems.

1 If there are 4 cricket bats in each bag, how many bats altogether?

12



2 If each child has 2 gloves, how many gloves altogether?

16

Give each child above 2 of the skipping ropes shown until they run out. How many children will not get skipping ropes?

3

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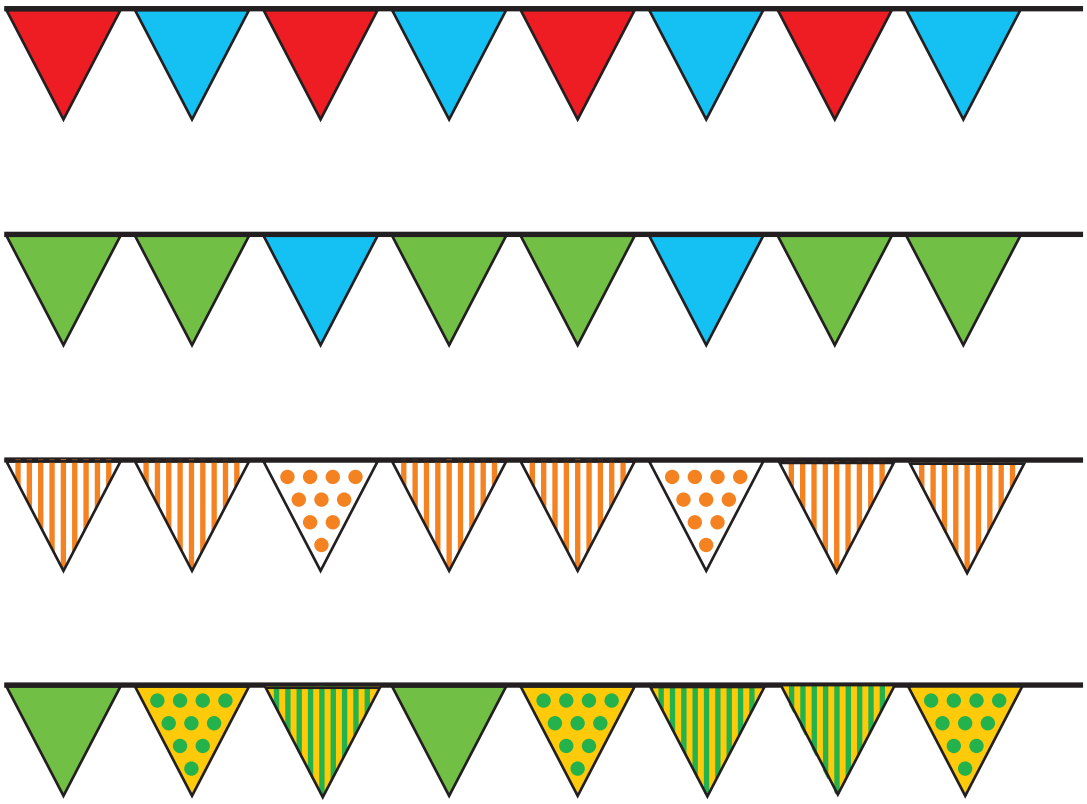
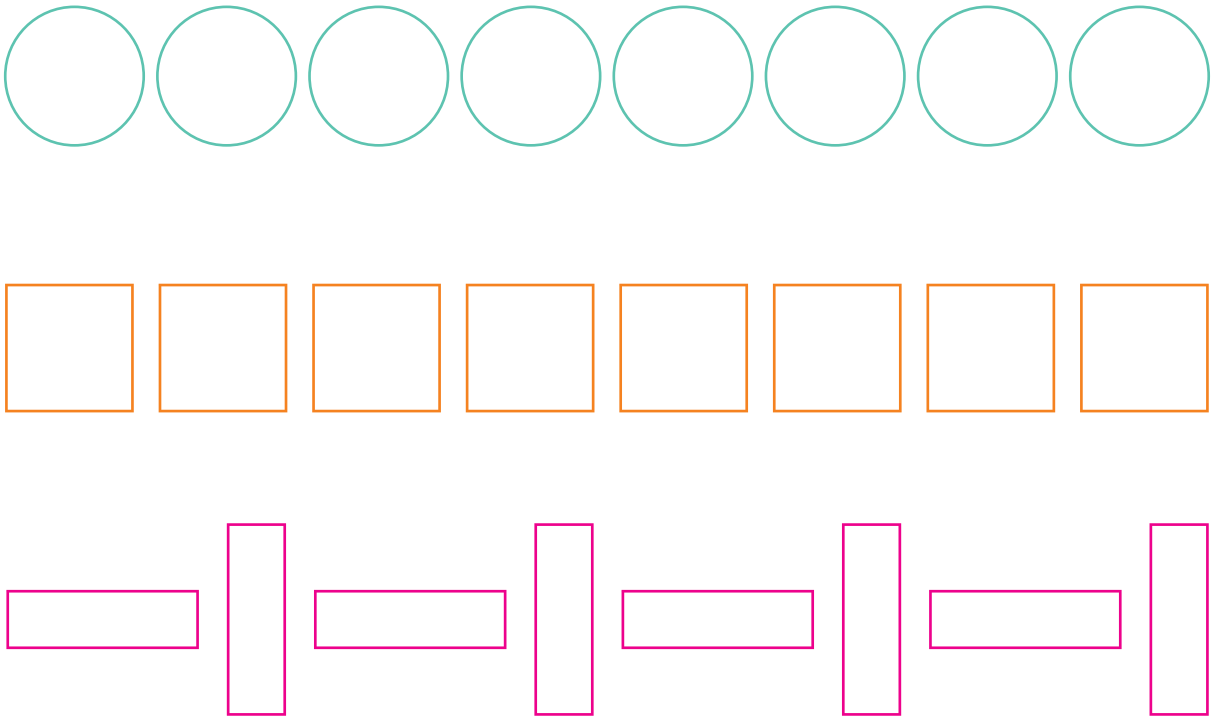
Repeating patterns

1 Continue the patterns.



2 Use colours to make your own patterns.



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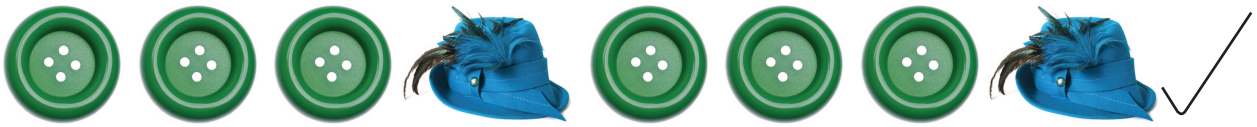
Is it repeating?

1 Tick the patterns that repeat.
Cross the patterns that do not repeat.

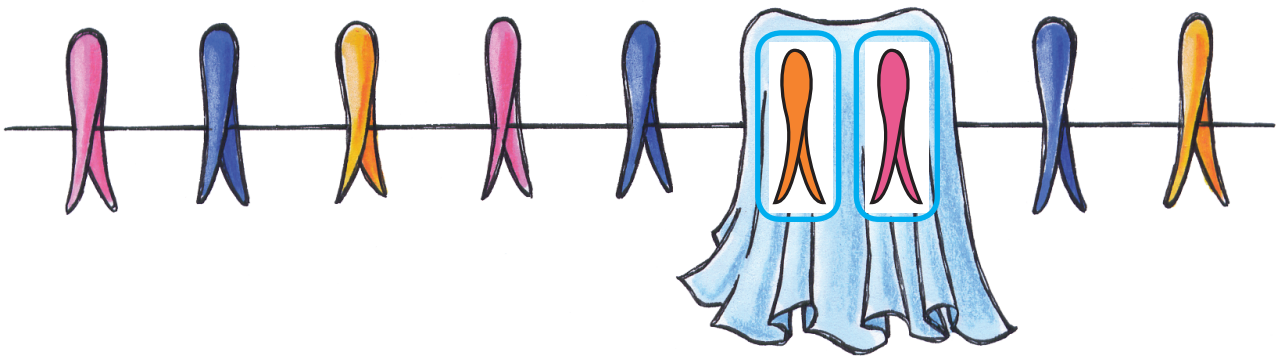
a 

b 

c 

d 

2 Draw and colour the 2 hidden pegs in the pattern.



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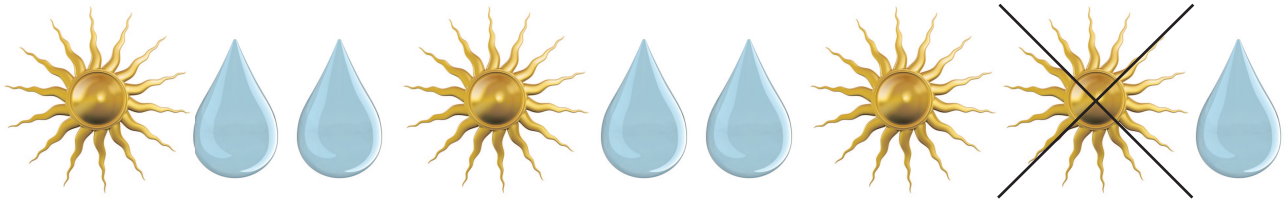
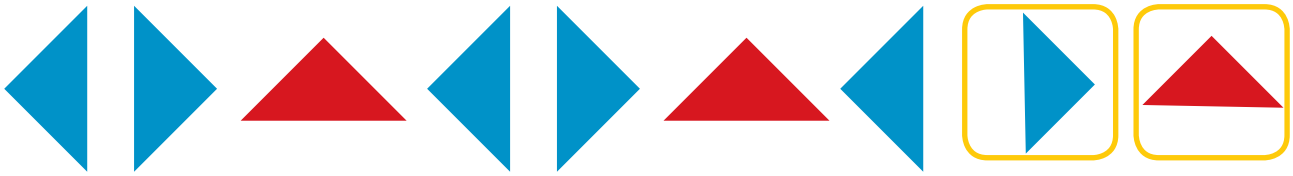
Pattern mistakes

1 Cross the mistake in each pattern.



2 Complete each pattern.



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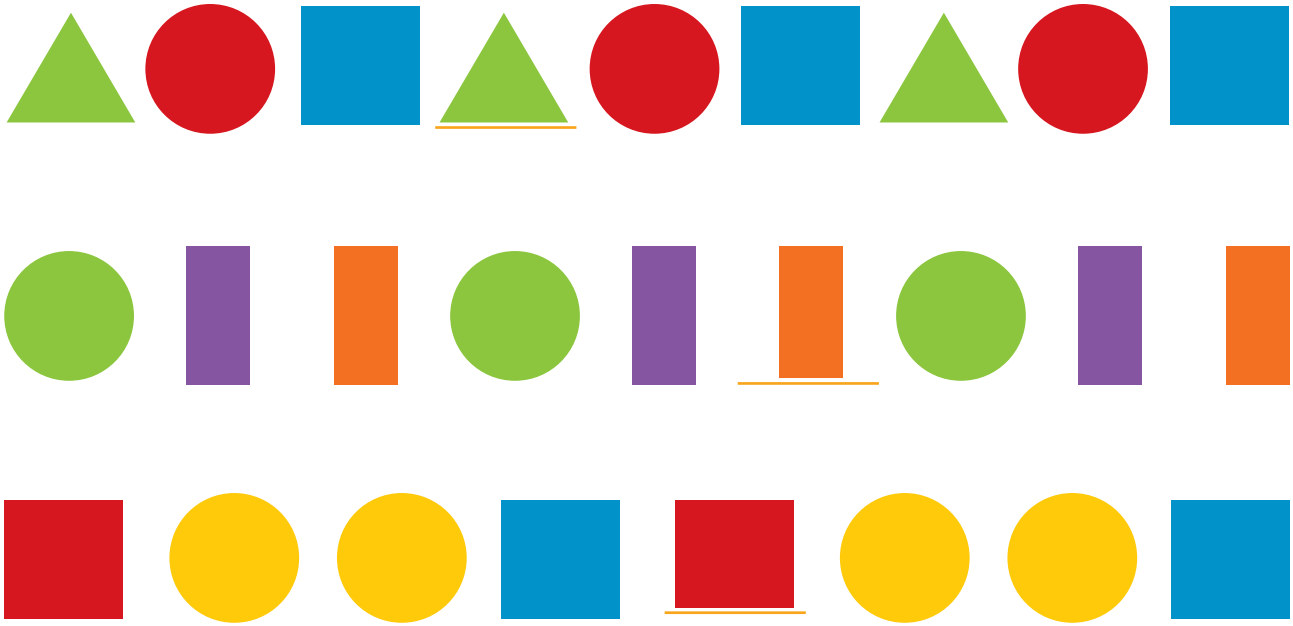
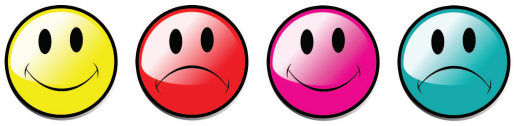
Missing elements

1 Fill in the missing shape for each pattern.



2 Use these shapes to make your own patterns.

a 

b 

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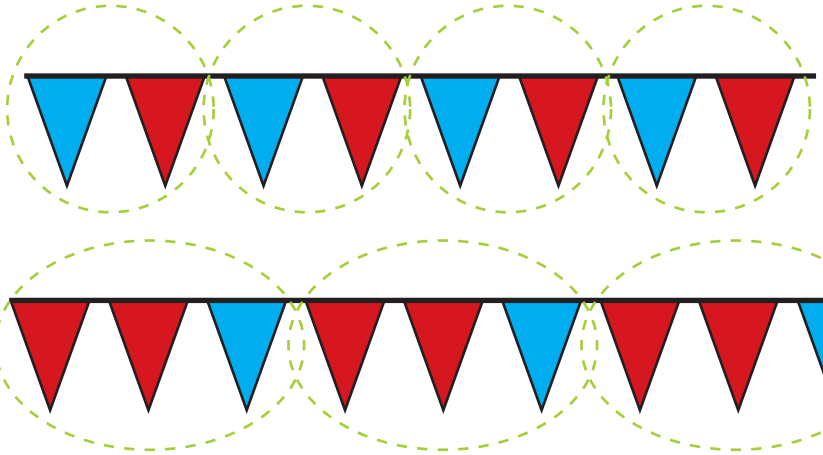
Two and three patterns



This is called a **two pattern** as two flags repeat.

This is called a **three pattern** as three flags repeat.

1 Circle the part that repeats. Complete the labels.

This is a ___2___ pattern.

This is a ___3___ pattern.

2 Use counters to create a **two pattern** along the path.

Trace and colour your pattern onto the path.

Use counters to make two different **three patterns**.

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Yes/no data

These students were asked, 'Have you ever tried sushi?'

1 **a** How many have tried sushi? 2

b How many have not tried sushi? 3

2 **a** How many have blue shoes? 2

b How many do not have blue shoes? 3

3 **a** Have you ever tried sushi?

b Are you wearing blue shoes?

4 How many children in your class have tried sushi?

ISBN: 978-0-521-74524-6

Weather chart

Carla charted the weather for the last 14 days.

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						
						

1 How many days were  ? 7

How many days were  ? 3

How many days were  ? 4

2 Circle the most common type of weather.

Circle the least common type of weather.

What do you think the weather will be like tomorrow?

ISBN: 978-0-521-74524-6

Favourite lolly

1 Students chose their favourite coloured lolly.

How many?

	8
	2
	5
	5

2 Circle your answers.

a Which group is **most** popular? 

b Which group is **least** popular? 

c Which groups are the **same**? 

d How many lollies altogether? 20

3 Colour **your** favourite lolly.

ISBN: 978-0-521-74524-6

Hat display

1 Students sorted some hats into groups.

How many? 5

How many? 3

How many? 1

2 Tick the group that has the most hats.

☑ ☐ ☐

3 Tick the group that has the least hats.

☐ ☐ ☑

4 How many hats altogether? 9

5 **a** There are 2 more  than  .

b There are 2 more  than  .

c There are 4 more  than  .

ISBN: 978-0-521-74524-6

Favourite shirt

1 The children are wearing their favourite coloured shirt.

a How many children are there? 12

b How many children like red the best? 3

c How many children like yellow the best? 6

d Which colour is the most popular?

Yellow

e Which colour is the least popular?

Green

Talas is away. What coloured shirt do you think he would wear? Explain your choice to a friend.

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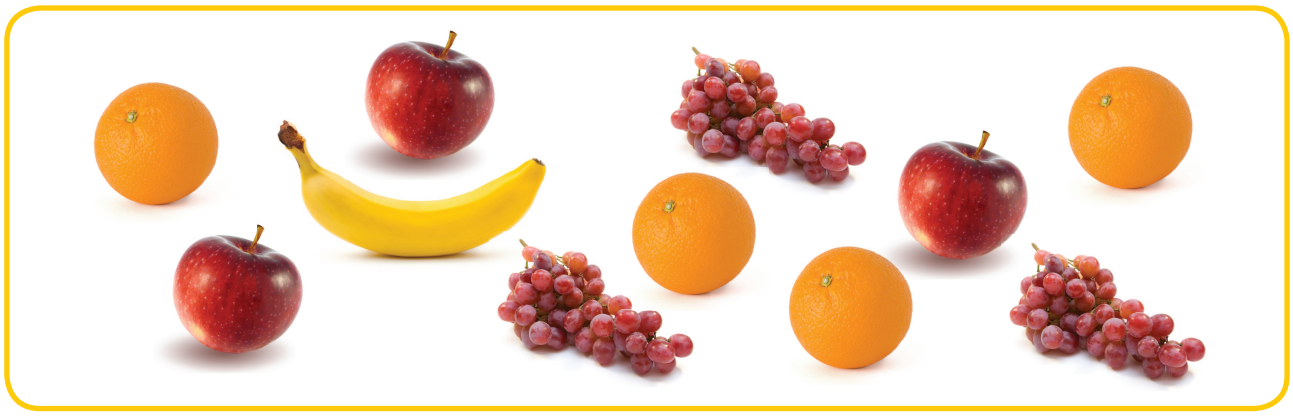
Fruit break

1 The students took their fruit out of their lunch boxes.



How many?

4

1

3

3

2 Colour one box for each piece of fruit shown in Question 1.

Ask a friend some questions about the graph.

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