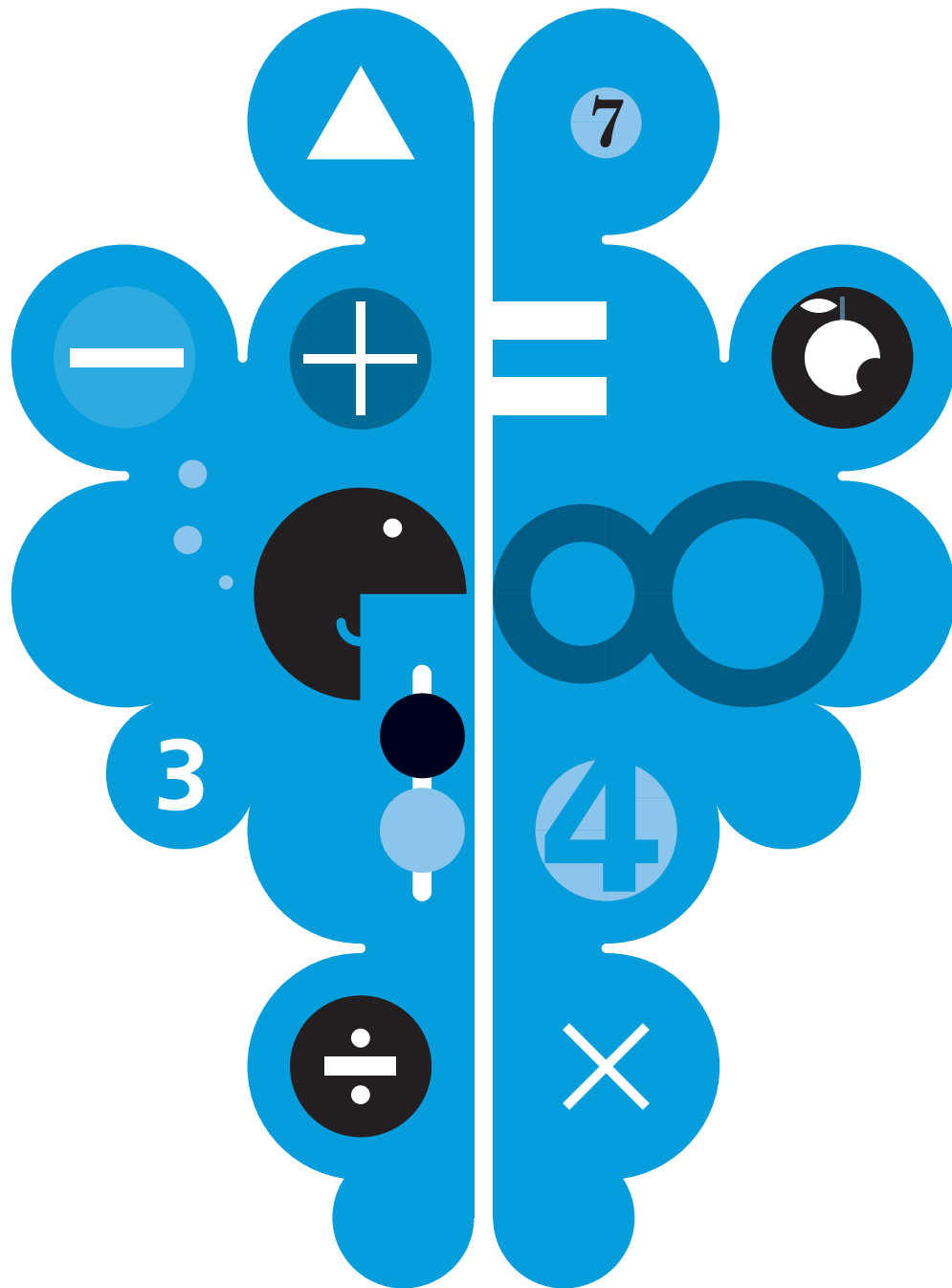


First Mental Arithmetic 1

Answers

Name _____

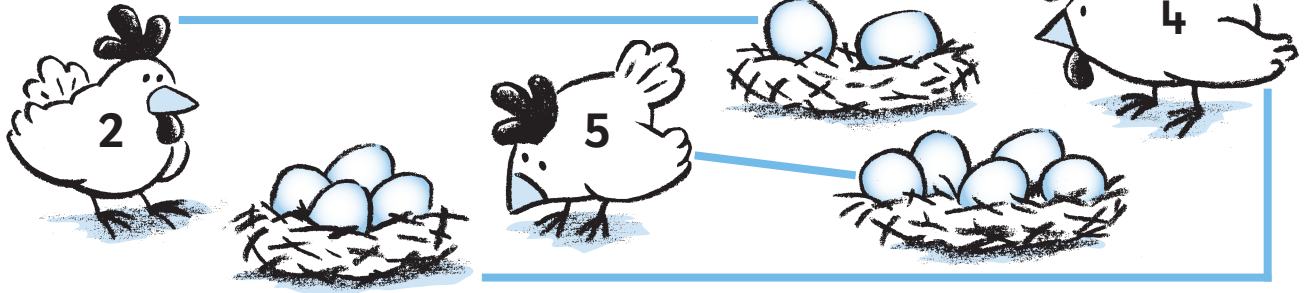


Section 1 Session 1

Session Focus
Counting quantities to 6
Comparing and ordering small numbers to 6
Reading, writing and ordering numbers to 6

A

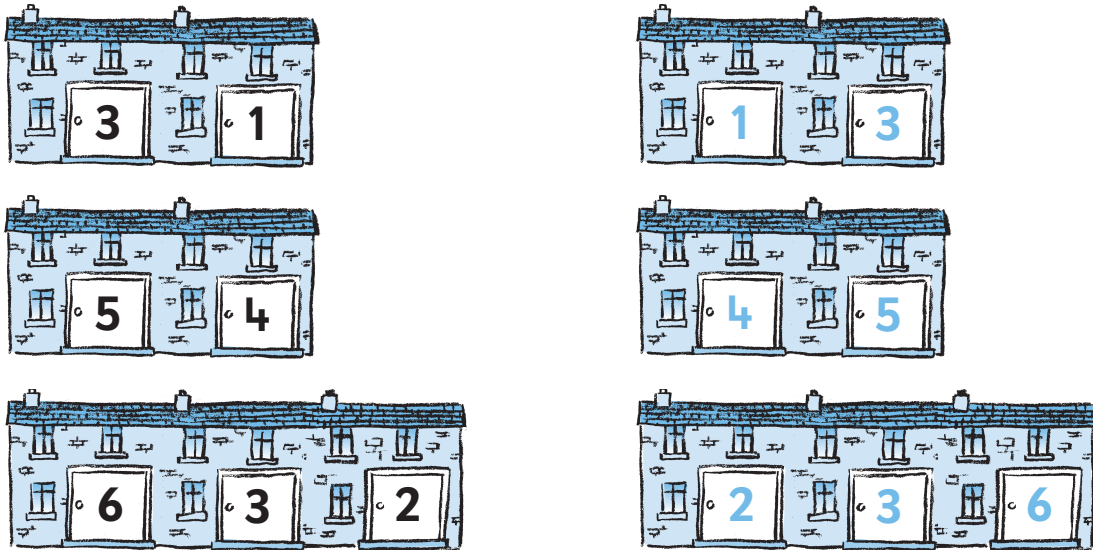
1 Count the eggs in the nest. Join the nest to the number.



2 Circle the smaller number. Tick the larger number.

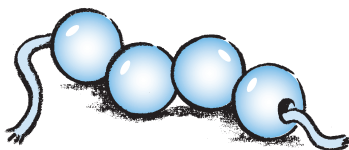


3 Write these numbers in order. Start with the smallest number.

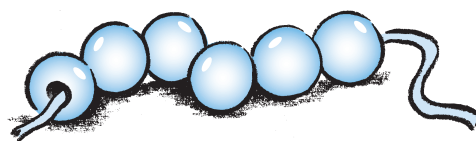


B

4 Count the beads. Write the number.



4



6

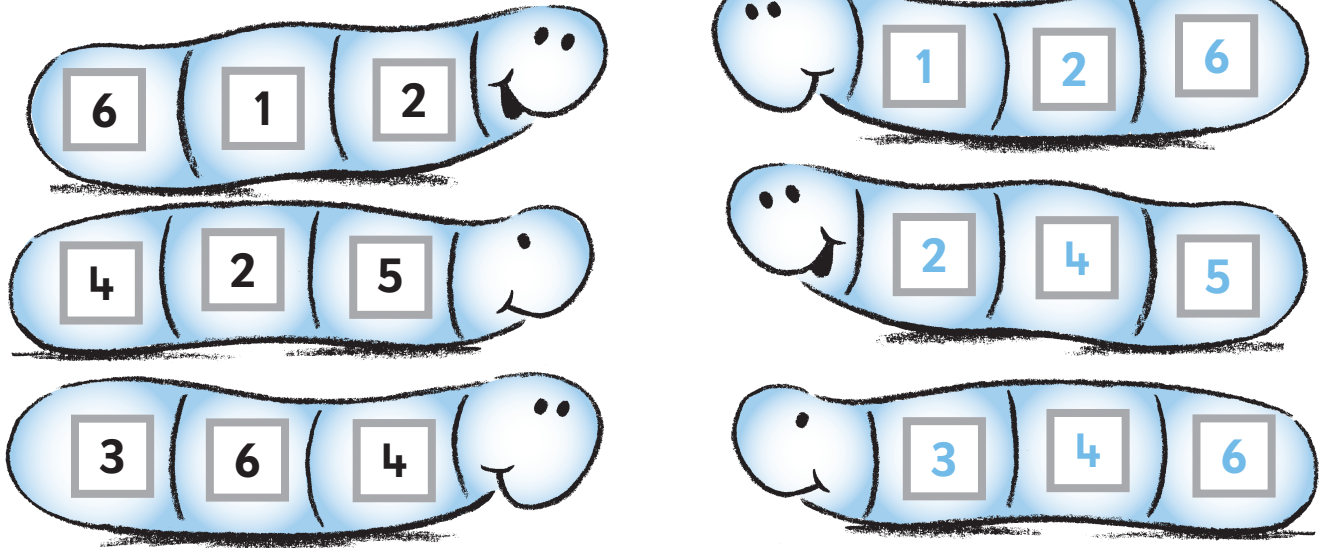
5 Write a number bigger than 3.

5 e.g. 4, 5, 6

Write a number smaller than 3.

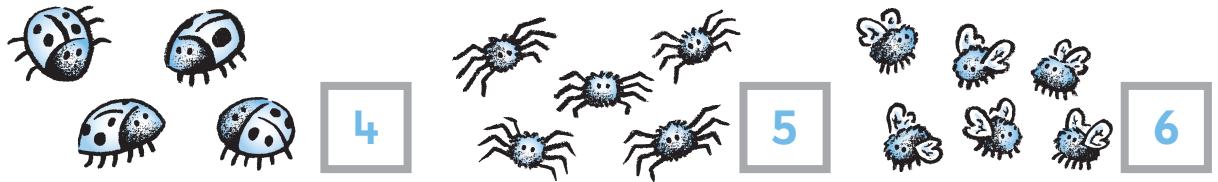
2 e.g. 1, 2

6 Write these numbers in order.

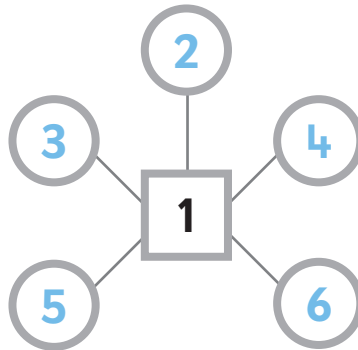


C

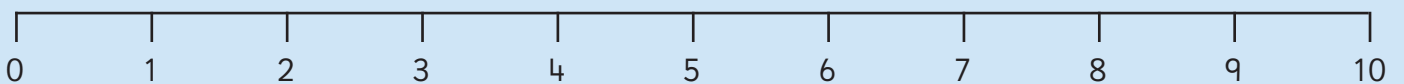
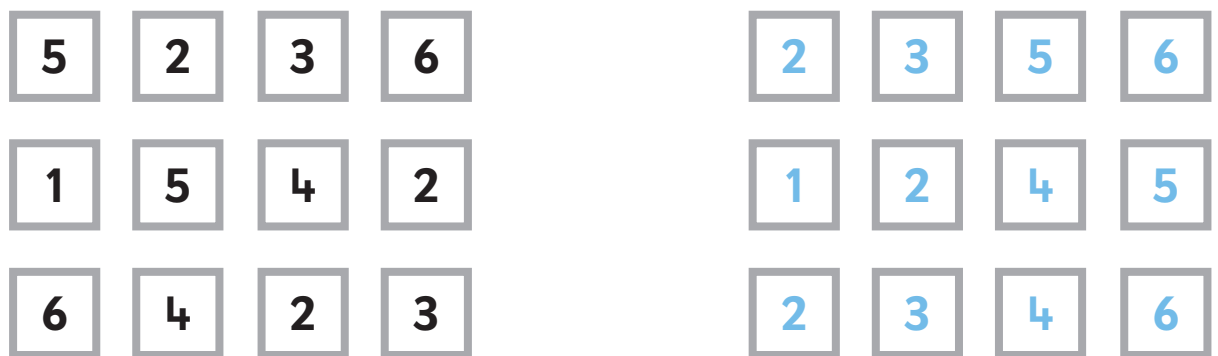
7 Count these. Write the number.



8 Write some larger numbers.



9 Write these numbers in order.



Section 1 Session 2

Session Focus

Comparing and ordering small numbers to 10
Reading, writing and ordering numbers to 10
Addition and subtraction to 5

A 1 Put a circle around the smaller number.

6 **5** **7** 9

2 Write these numbers in order. Start with the smallest number.

9 **1** **8**

1 **8** **9**

7 **10** **5**

5 **7** **10**

3 Write the answers.

$1 + 3 = \boxed{4}$

$3 + 2 = \boxed{5}$

$4 - 1 = \boxed{3}$

$3 - 2 = \boxed{1}$

B 4 Find the larger number. Put a circle around it.

9 4 5 **10**

5 Write the missing numbers.

7 **8** **9**

6 **7** **8**

6 Write the answers.

$1 \text{ add } 3 \text{ is } \boxed{4}$

$3 \text{ take away } 1 \text{ leaves } \boxed{2}$

$4 \text{ and } 1 \text{ is } \boxed{5}$

$4 \text{ take away } 4 \text{ leaves } \boxed{0}$

C

7 Tick the smaller number. Circle the larger number.

<input checked="" type="checkbox"/> 9	4 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 10
<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 8	<input checked="" type="checkbox"/> 8	5 <input checked="" type="checkbox"/>

8 Write the missing numbers.

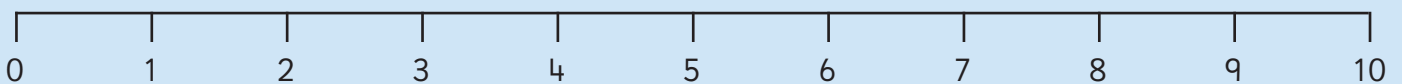
7	8	9
5	6	7
6	7	8

8	9	10
1	2	3
4	5	6

9 Write the answer.

Noah has **3** sweets. Sam has **2** sweets.

How many sweets do they have altogether?

5

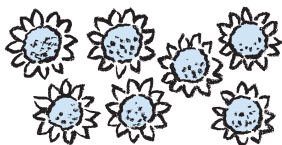
Section 1 Session 3

Session Focus
Counting quantities to 6, then to 10
Writing 1 more/less numbers
Totals of 10

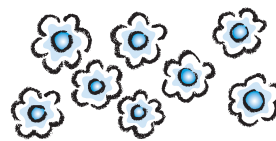
A 1 Count how many. Write the number.



6

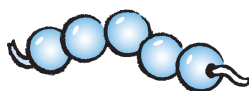


7



8

2 Count the beads. Write the number that is 1 more.



6

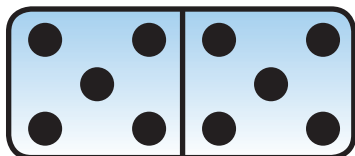


10

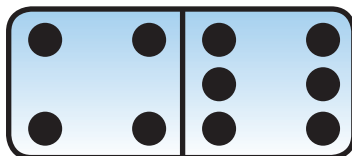


5

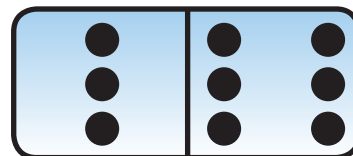
3 Write the total.



$$5 + 5 = 10$$

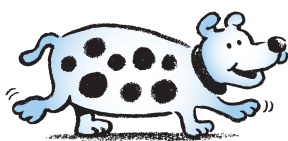


$$4 + 6 = 10$$



$$3 + 6 = 9$$

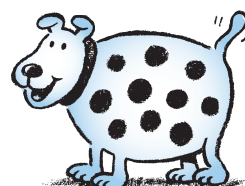
B 4 Count the dots. Write the number.



8



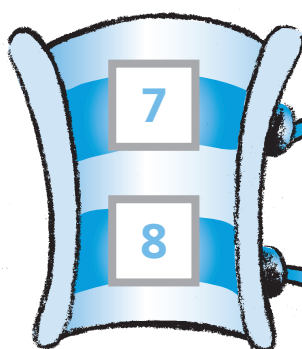
9



10

5 Write the missing numbers.

1 less



8

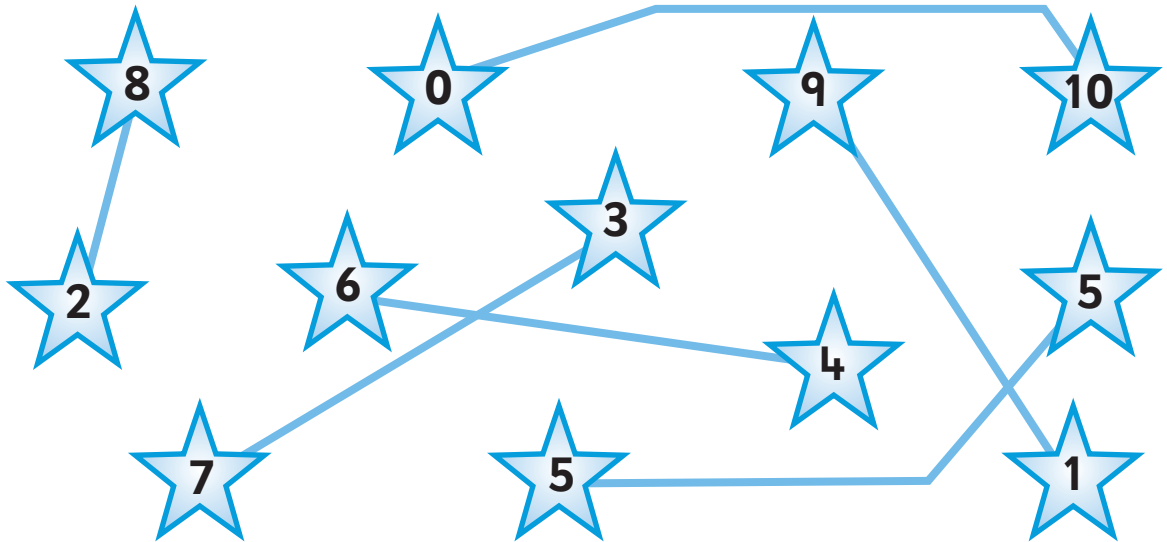
9

1 more

9

10

6 Draw a line to join stars which make a total of 10.



C

7 Count these. Write the number.



9

8 Write the answers.

1 more than 6 is

1 less than 10 is

9 Write how many more to make 10.



5



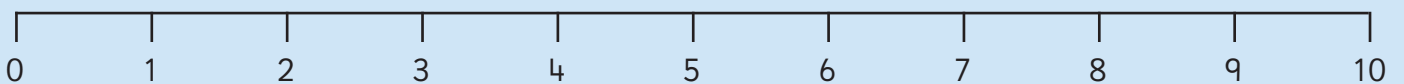
7



1



6

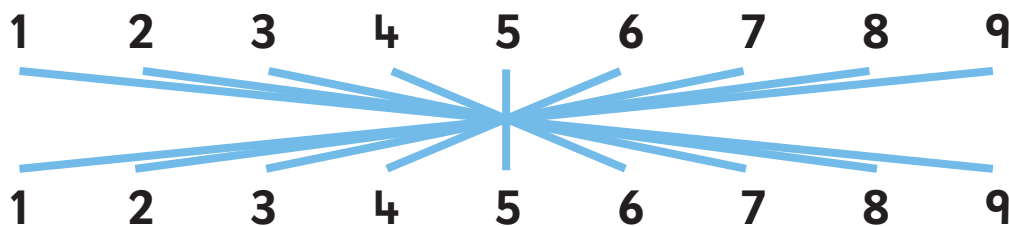


Section 1 Session 4

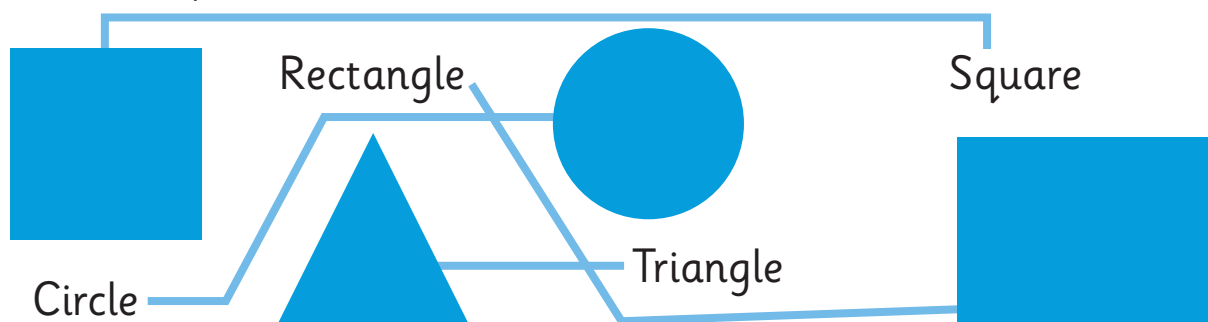
Session Focus
Totals of 10
Naming common 2-D shapes
Using simple sorting diagrams

A

1 Join pairs of numbers to make a total of 10.



2 Join the shapes to their label.



3 Draw each shape under its label.

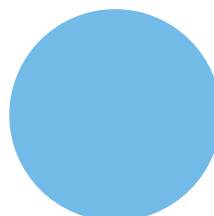
Rectangle



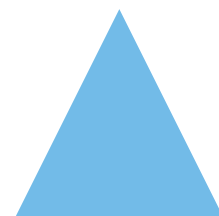
Square



Circle



Triangle



B

4 Write the answers.

$$1 + 9 = \boxed{10}$$

$$5 + 5 = \boxed{10}$$

$$6 + 4 = \boxed{10}$$

5 Write in the missing numbers.

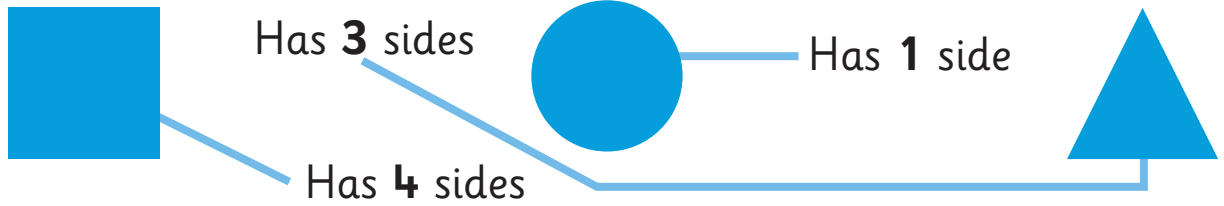
1 and $\boxed{9}$ equals 10

5 and $\boxed{5}$ makes 10

4 and 6 equals $\boxed{10}$

8 and 2 makes $\boxed{10}$

6 Here are some shapes. Join the shapes to their labels.



C

7 Write the answer.



Jamina has 4 beads. Sara gives Jamina another 6 beads.

How many beads does Jamina have now?

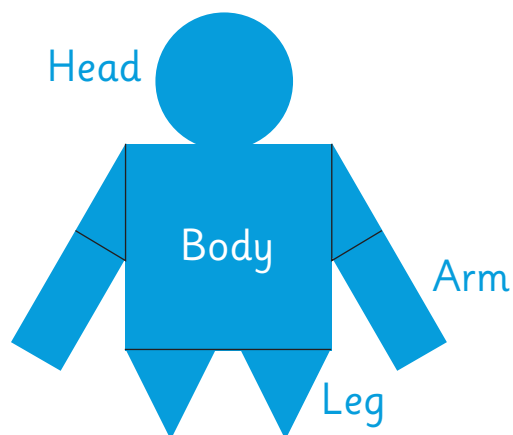
10

8 Write the answer.

My shape has 3 sides. What is it?

Triangle

9 Write the names of the shapes.



Body

Square

Leg

Triangle

Arm

Rectangle

Head

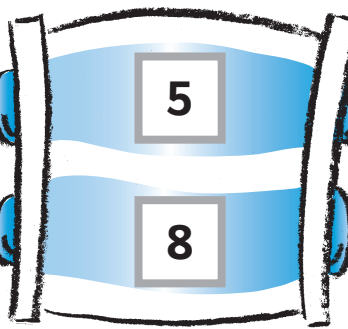
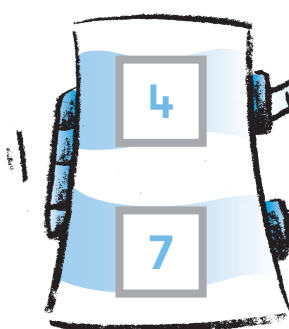
Circle

Section 1 Session 5

Session Focus
Writing 1 more/less numbers
Addition and subtraction to 5
Totals of 10

A 1 Write the missing numbers.

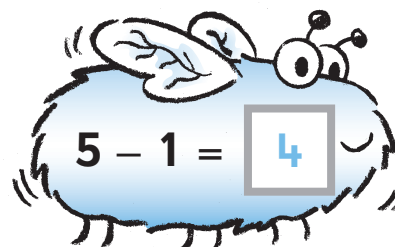
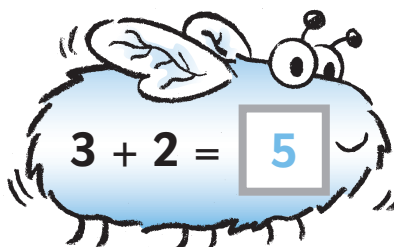
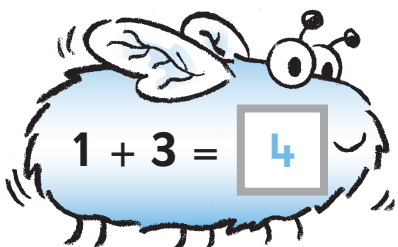
One less



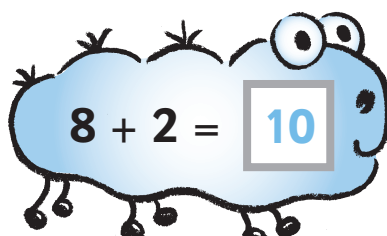
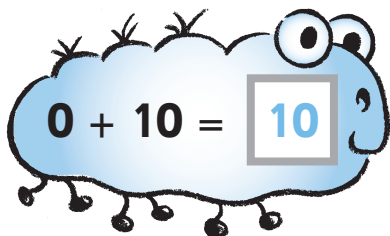
One more



2 Write the answers.



3 Write the totals.



B 4 Write the answers.

What is 1 more than 3? [4]

What is 1 less than 6? [5]

What is 1 more than 4? [5]

What is 1 less than 3? [2]

5 Write the answers.

1 add 4 equals [5]

4 take away 3 equals [1]

6 Write the answers.

5 and 5 makes

7 add 3 makes

9 add 1 equals

4 add 6 equals

C

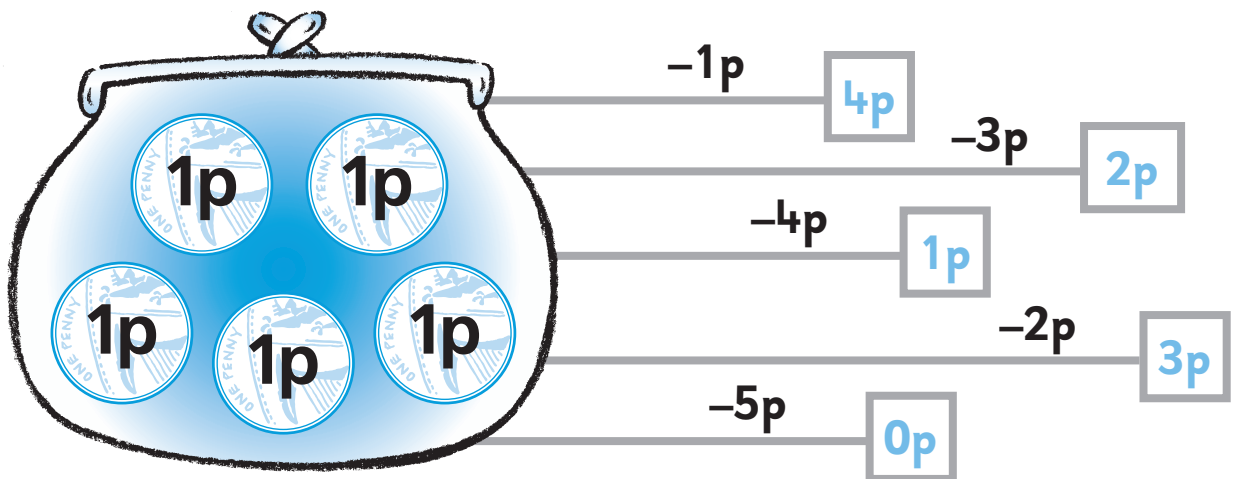
7 Write the answer.



Zak has 5 pennies. Ali has 1 penny less than Zak.

How many pennies has Ali?

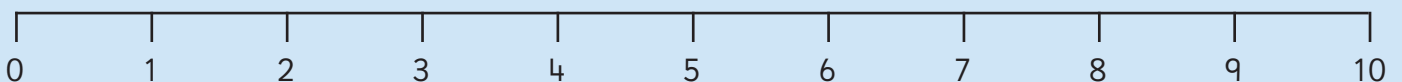
8 Find how much is in the purse. Then write the answers.



9 Write the answer.

Ruby has 4p. Anya gives Ruby another 6p.

How much money has Ruby now?



Section 1 Check-up 1

Session Focus

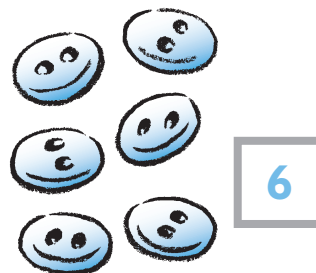
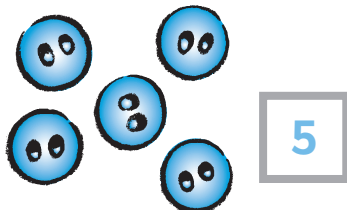
Number

Shape

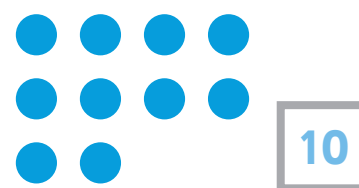
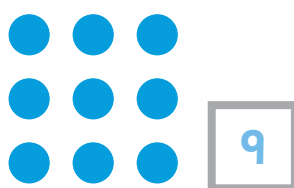
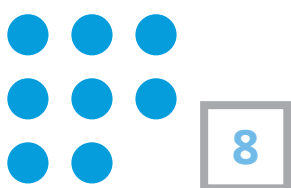
Word problems

1

1 Count. Write how many.



2 Count. Write how many.



3 Circle the larger number.

5 **9**

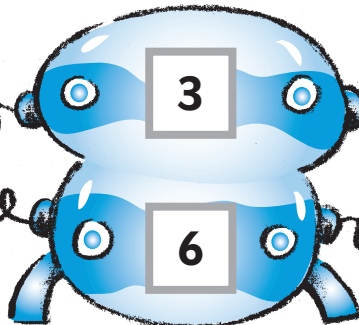
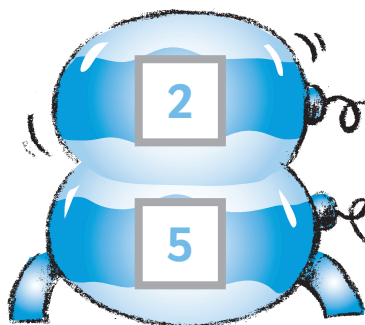
8 4

6 1

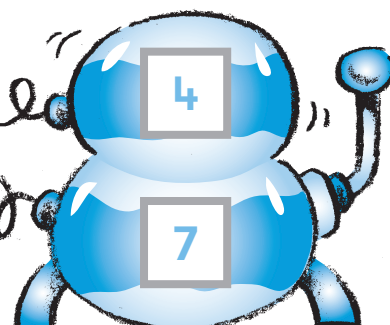
2 **10**

4 Write the answers.

1 less



1 more



5 Write the answers.

$1 + 4 = \boxed{5}$

$3 + 2 = \boxed{5}$

$5 - 1 = \boxed{4}$

$4 - 3 = \boxed{1}$

$2 + 2 = \boxed{4}$

$2 - 2 = \boxed{0}$

6 Write the missing numbers.

$5 + 5 = \boxed{10}$

$4 + 6 = \boxed{10}$

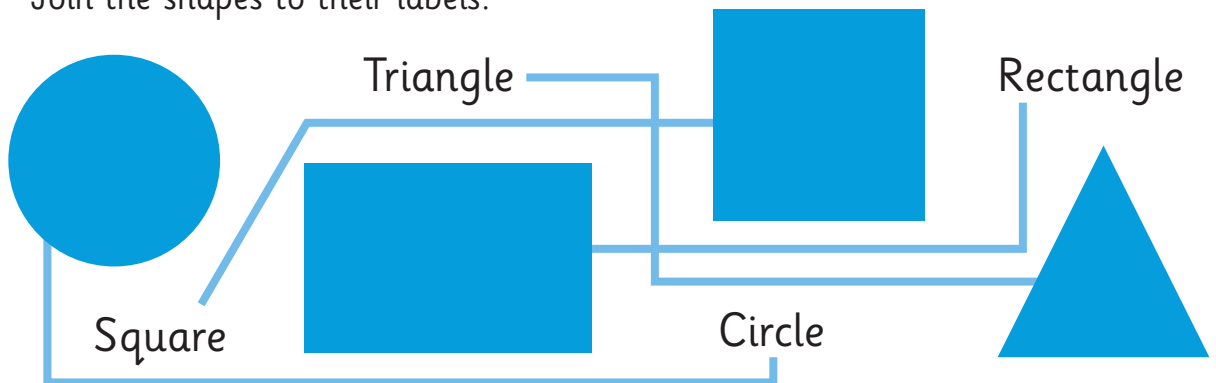
$9 + 1 = \boxed{10}$

$2 + \boxed{8} = 10$

$6 + \boxed{4} = 10$

$\boxed{6} + 4 = 10$

7 Join the shapes to their labels.



8 Write the answer.

Jamil has **5** toy cars. He gives **3** toy cars to Tom.

How many toy cars has Jamil now?

2

9 Write the answer.

Mia has **3** biscuits. Rosie has **2** biscuits.

How many biscuits are there altogether?

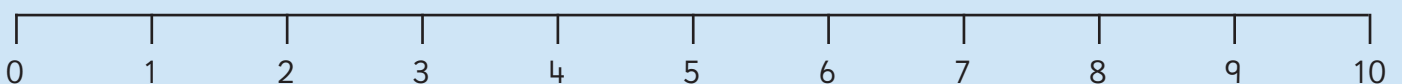
5

10 Write the answer.

Alice has **6** pencils. Jack has **4** pencils.

How many pencils is that altogether?

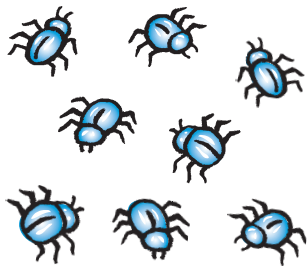
10



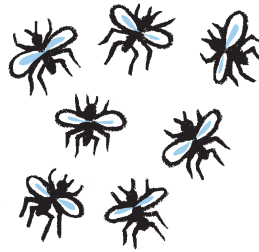
Section 2 Session 1

Session Focus
Counting up to 15 objects
Counting patterns of 1s
Comparing pictures to show which is longer/shorter

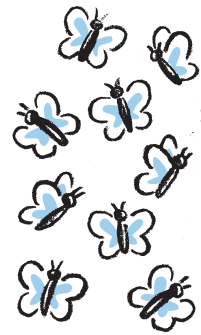
A 1 Count the insects. Write how many.



8



7



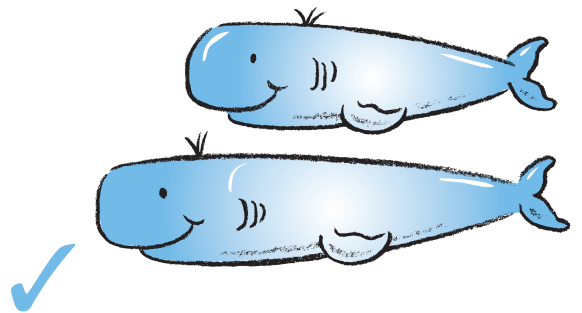
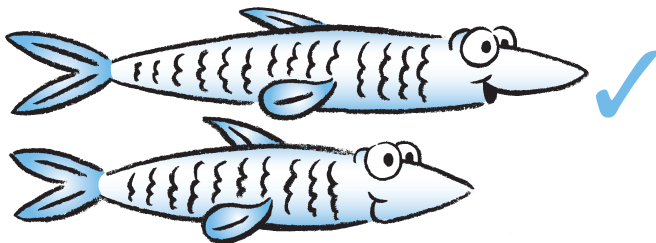
9

2 Continue the count.

2 3 4 5 6

6 7 8 9 10

3 Tick the longer one.



B 4 Draw 12 dots.

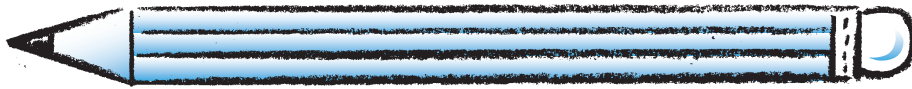


5 Write the missing numbers.

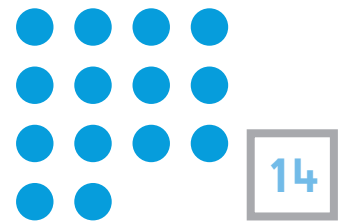
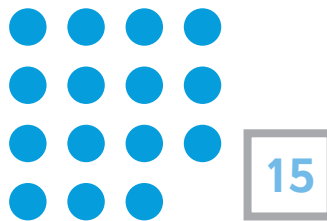
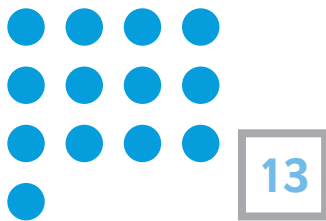
3 4 5 6 7

6 7 8 9 10

6 Draw a pencil that is shorter.



7 Count these. Write the number.



C

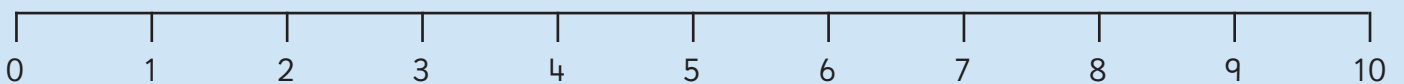
8 Write the missing numbers.



9 Draw 2 pencils. Make the first pencil longer.



Check that the first pencil is longer than the second.

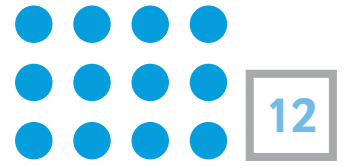
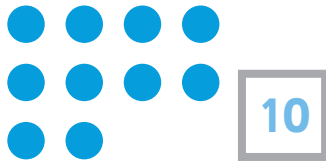


Section 2 Session 2

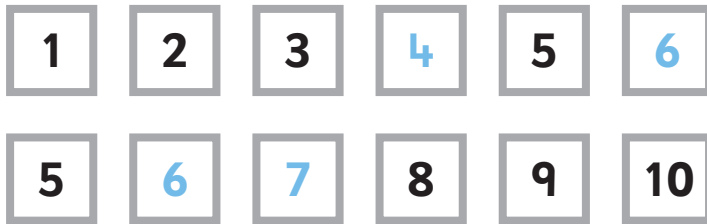
Session Focus
Counting up to 15 objects
Counting patterns of 1s
Word problems

A

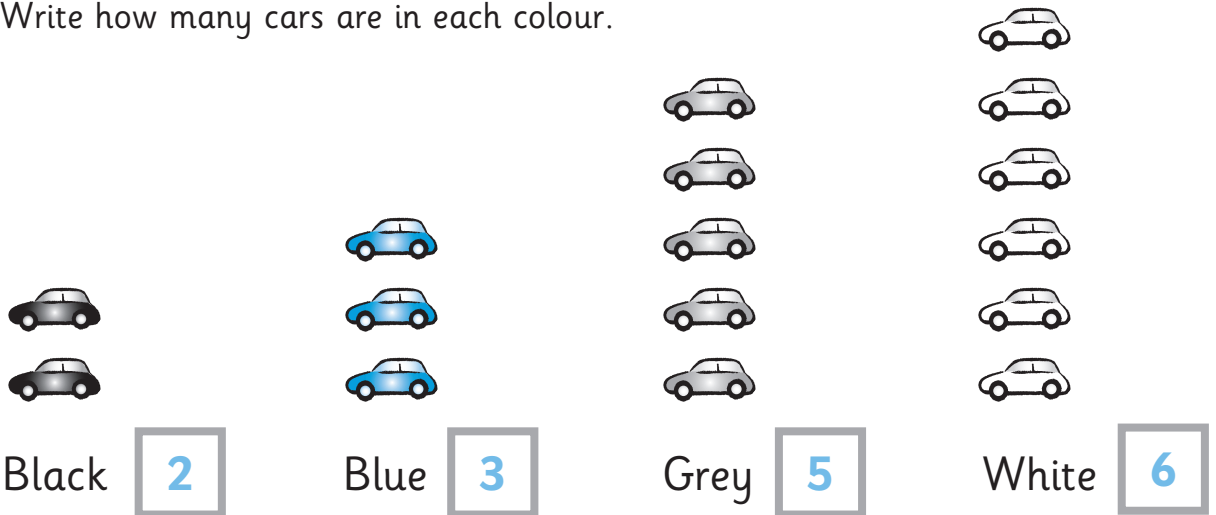
1 Count the dots. Write the numbers.



2 Write the missing numbers.

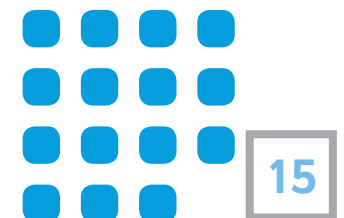
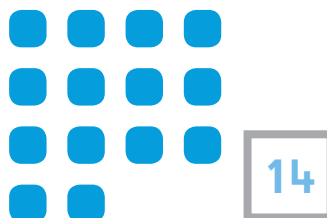
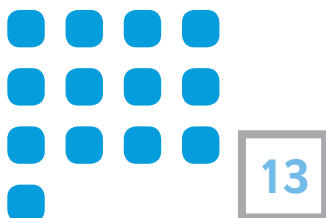


3 Write how many cars are in each colour.



B

4 Count these. Write the numbers.



5 Continue the counting pattern. Write the numbers.



6 Look at the cars in question 3. Write the answers to the questions.

How many more cars are blue than black?

1

How many fewer cars are grey than white?

1

7 Draw 15 dots.



C

8 Write the counting numbers from 1 to 10.

1

2

3

4

5

6

7

8

9

10

9 Some fruit has been sorted. Answer the questions below.



Oranges



Apples



Pears



Bananas

How many more apples than oranges are there?

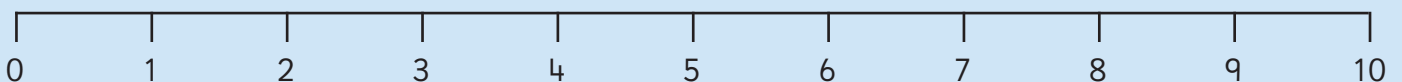
1

How many fewer pears than bananas are there?

4

How many pieces of fruit are there altogether?

15

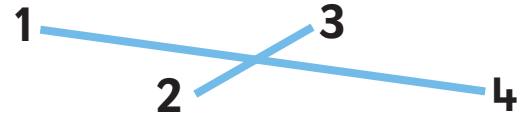


Section 2 Session 3

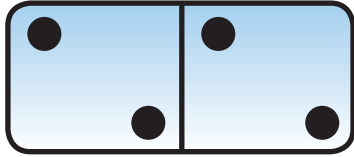
Session Focus
Addition and subtraction to 5
Doubles to 10
Halves of objects and quantities

A

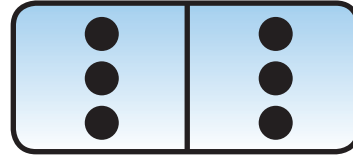
1 Join the pairs that total 5.



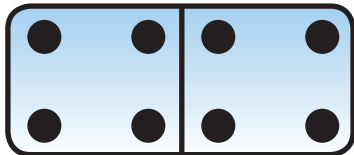
2 Count the spots. Write the total.



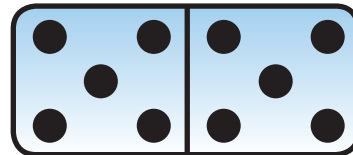
$$2 + 2 = 4$$



$$3 + 3 = 6$$

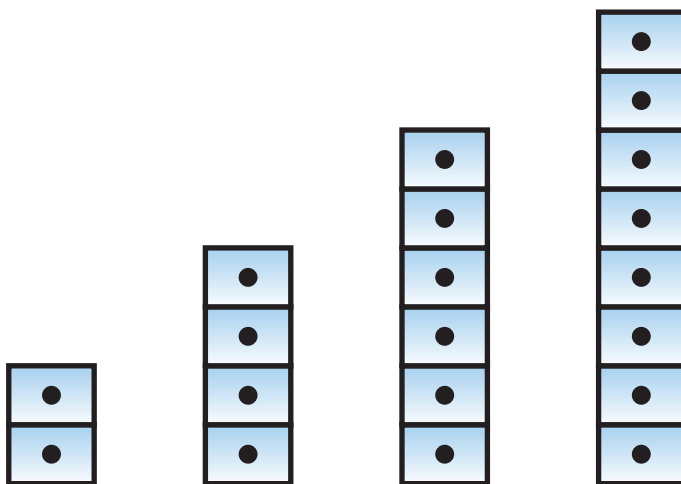


$$4 + 4 = 8$$



$$5 + 5 = 10$$

3 Use some cubes to make these towers. Write how many half would be.



Half of 2 is

Half of 4 is

Half of 6 is

Half of 8 is

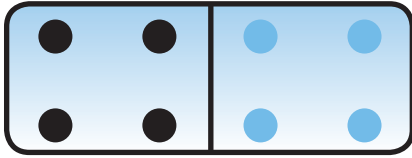
4 Write the answers.

3 add 1 equals

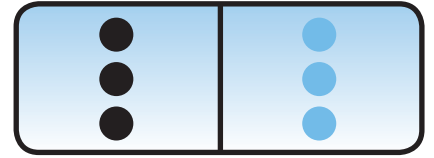
5 subtract 3 equals

B

5 Draw the spots on each domino to make them doubles. Write how many in total.



Double **4** is



Double **3** is

6 Write the answers.

What is double **3**?

What is double **4**?

What is half of **6**?

What is half of **8**?

C

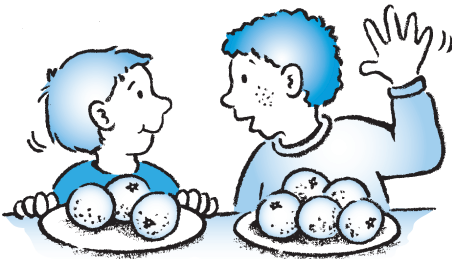
7 Write the answer.



Luca has **5** grapes. He eats **3** grapes.

How many grapes does Luca have left?

8 Write the answer.



Max has **3** satsumas.

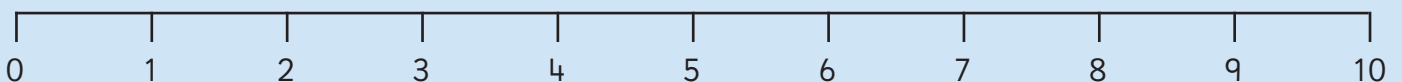
Alfie has **5** satsumas.

How many satsumas do they have in total?

9 Write the answer.

Joe has **8** brownies. He gives half of his brownies to Holly.

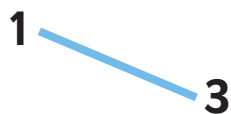
How many brownies does Joe have left?



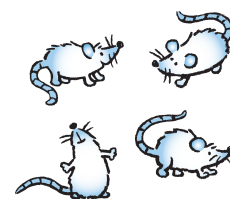
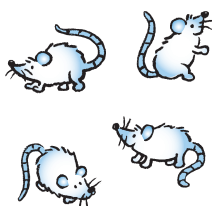
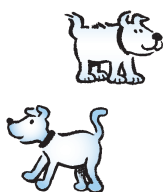
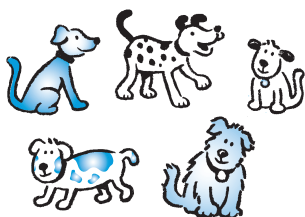
Section 2 Session 4

Session Focus
Addition and subtraction to 5
Addition and subtraction to 10
Days of the week

A 1 Join the pairs that total 4.



2 Write the answers.



$$\boxed{5} + \boxed{2} = \boxed{7}$$

$$\boxed{4} + \boxed{4} = \boxed{8}$$

3 Write the days of the week in order. Start with Sunday.

Tuesday Monday Sunday Thursday Friday Wednesday Saturday

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

B 4 Write the answers.

$$2 + 3 = \boxed{5}$$

$$5 - 4 = \boxed{1}$$

$$3 + 2 = \boxed{5}$$

5 Write the answers.

$$3 \text{ and } 2 \text{ equals } \boxed{5}$$

$$6 \text{ add } 4 \text{ is } \boxed{10}$$

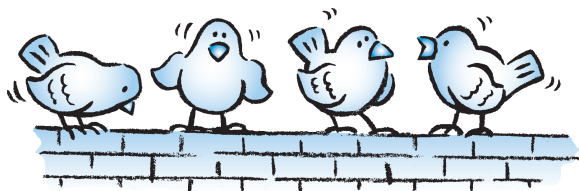
6 Draw a picture for Sunday. Show what you like to do.

Child's picture

Sunday

C

7 Write the answer.



There are **4** birds on the wall.
2 birds fly away.

How many birds are left?

2

8 Write the answer.



Leo has **4** toy cars.
He buys **3** more toy cars.

How many toy cars does
he have altogether?

7

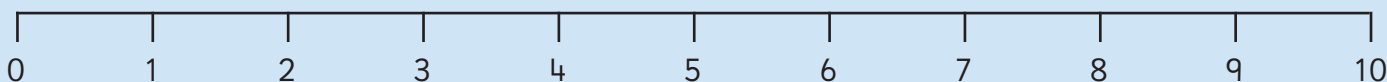
9 Write the answers.

Today is Monday.
What day will it be tomorrow?

Tuesday

Today is Monday.
What day was it yesterday?

Sunday

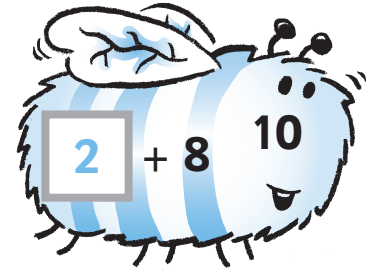
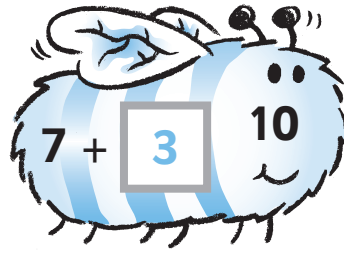


Section 2 Session 5

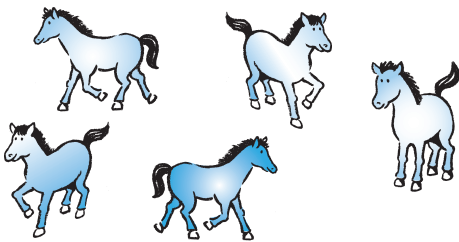
Session Focus
Totals of 10
Addition and subtraction to 10
Identifying position

A

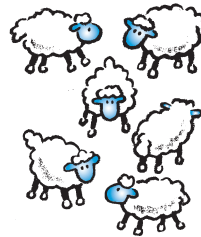
1 Write the missing number each time to make a total of 10.



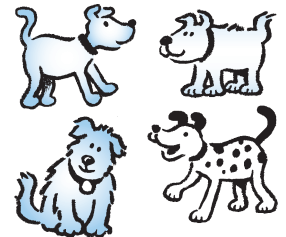
2 Use the pictures to help you. Write the answers.



$5 - 3 = 2$

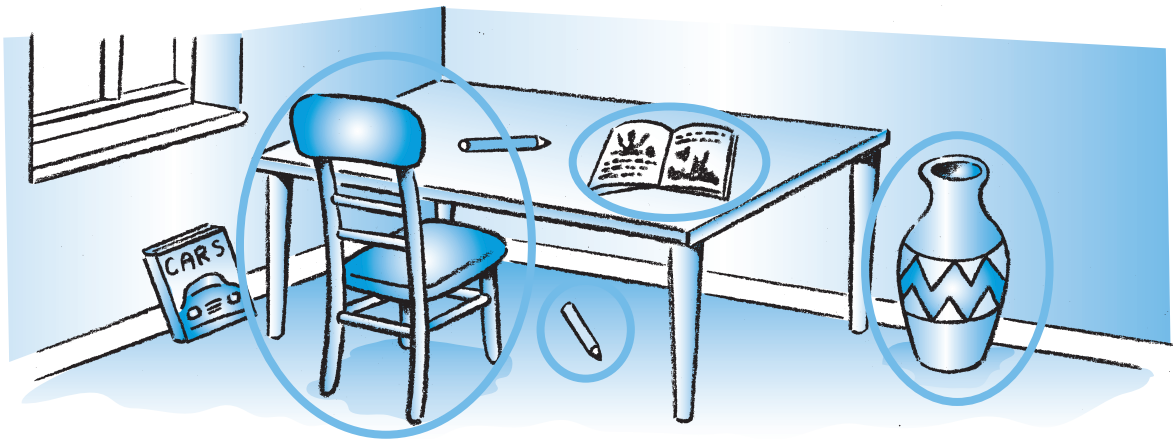


$6 - 5 = 1$



$4 - 4 = 0$

3 Look at the picture. Put a circle around the things listed.



The book on top of the table.

The vase beside the table.

The pencil underneath the table.

The chair next to the table.

B

4 Write the answers to these questions.

$1 + 9 = 10$

$3 + 7 = 10$

$5 + 5 = 10$

5 Write the answers to these questions.

$7 - 5 =$

2

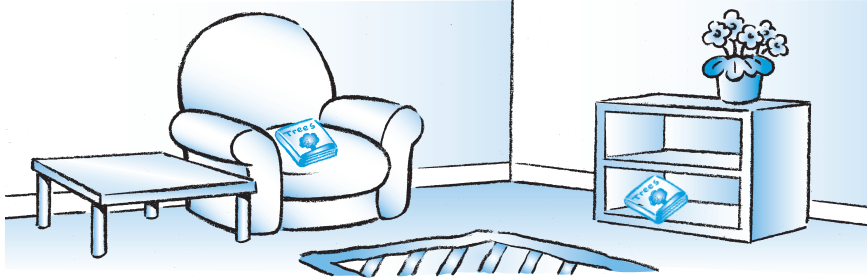
$7 - 6 =$

1

$8 - 7 =$

1

6 Draw these.



A book on the chair.

A book on the bottom shelf.

C

7 Write the answer.

There are **4** cakes and **6** biscuits on a plate.

How many cakes and biscuits altogether?

10

8 Write the answer.

There are **8** books on the shelf. Erin takes **3** books away.

How many books are left?

5

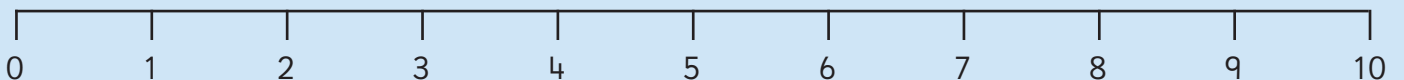
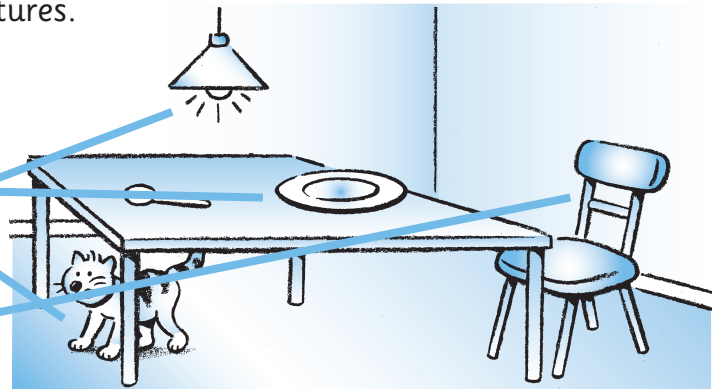
9 Join the words to the pictures.

under

on

above

next to

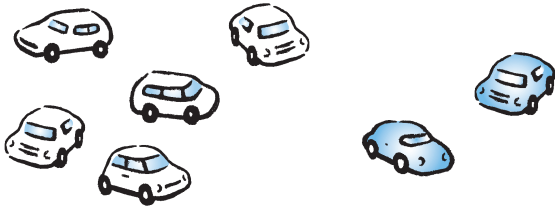


Section 2 Session 6

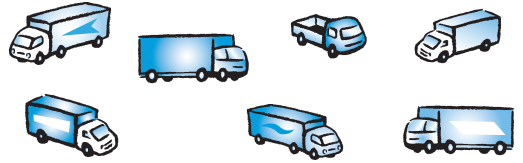
Session Focus
Addition and subtraction to 10
Counting patterns of 1s
Counting patterns of 5s

A

1 Write the answers to these.

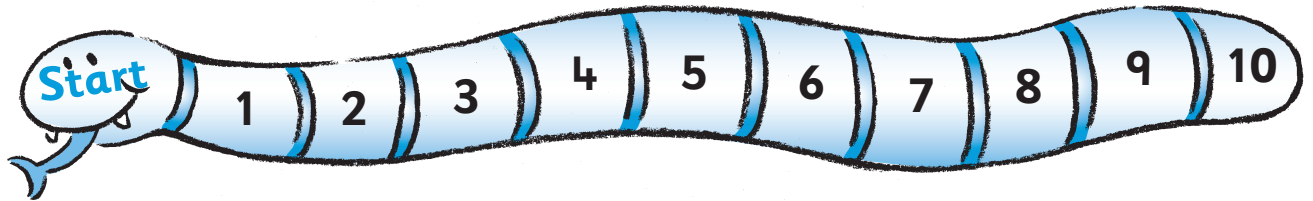


$$\boxed{5} + \boxed{2} = \boxed{7}$$



$$\boxed{7} - \boxed{2} = \boxed{5}$$

2 Write the answer.

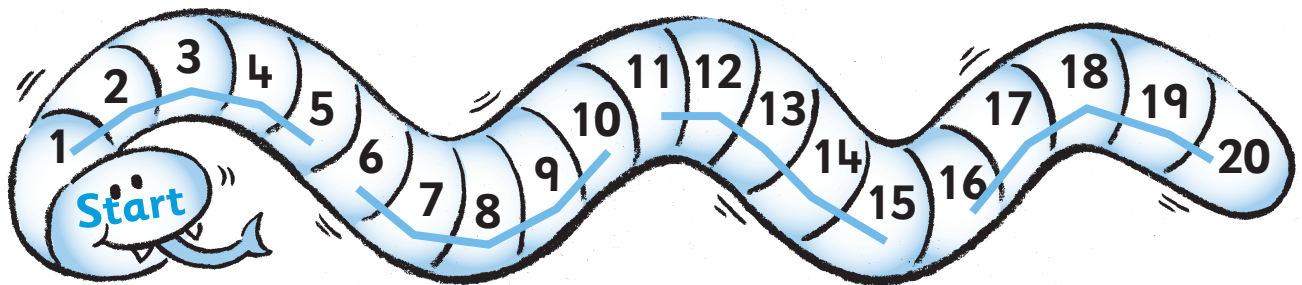


Begin at Start. Make **6** jumps of **1** along the snake.

Write the number where you land.

6

3 Draw the answer.



Draw jumps of **5** along the snake. Begin at Start.

B

4 Write the answers.

$$6 - 2 = \boxed{4}$$

$$8 - 3 = \boxed{5}$$

$$9 + 1 = \boxed{10}$$

$$10 - 7 = \boxed{3}$$

$$2 + 4 = \boxed{6}$$

$$10 - 6 = \boxed{4}$$

5 Complete the patterns.

1 2 3 4

6 7 8 9

3 4 5 6

7 8 9 10

6 Continue the patterns.

0 5 10 15

5 10 15 20

C

7 Write the answer to this word problem.

Maya has **5p**. Eva gives her **4p**.

How much money has Maya now?

9p

8 Write the answers. Use the number line to help you.

Start on **3**. Move forward **2**.

What number do you land on?

5

Start on **4**. Move forward **4**.

What number do you land on?

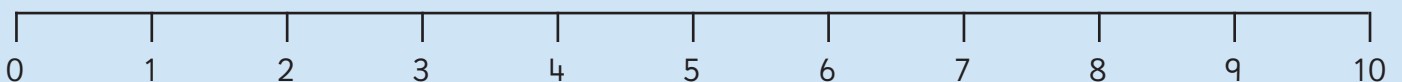
8

9 Write the answer. Use the number line to help you.

Start on **5**. Move forward **5**.

What number do you land on?

10

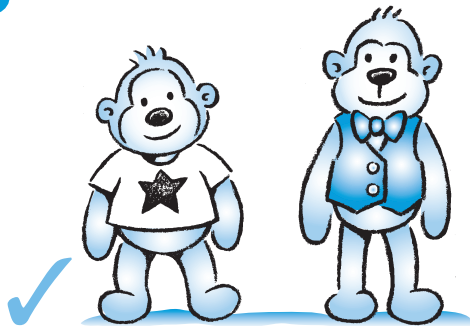


Section 2 Check-up 2

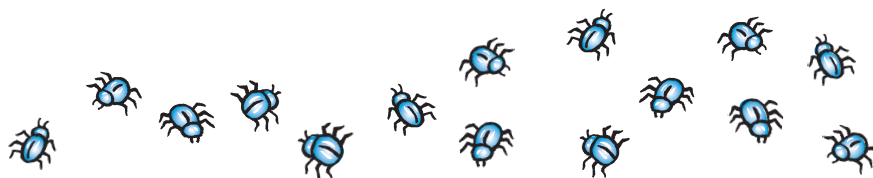
Session Focus
Number
Measures
Word problems

2

1 Tick the shorter.



2 Count these. Write the number.



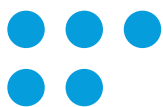
15

3 Write the missing numbers.

5 6 7 8 9 10

0 5 10 15 20

4 Count how many. Write the number. Write the double.



5

$$5 + 5 = 10$$

5 Count how many. Write the number. Write how many half is.



8

Half of 8 is 4

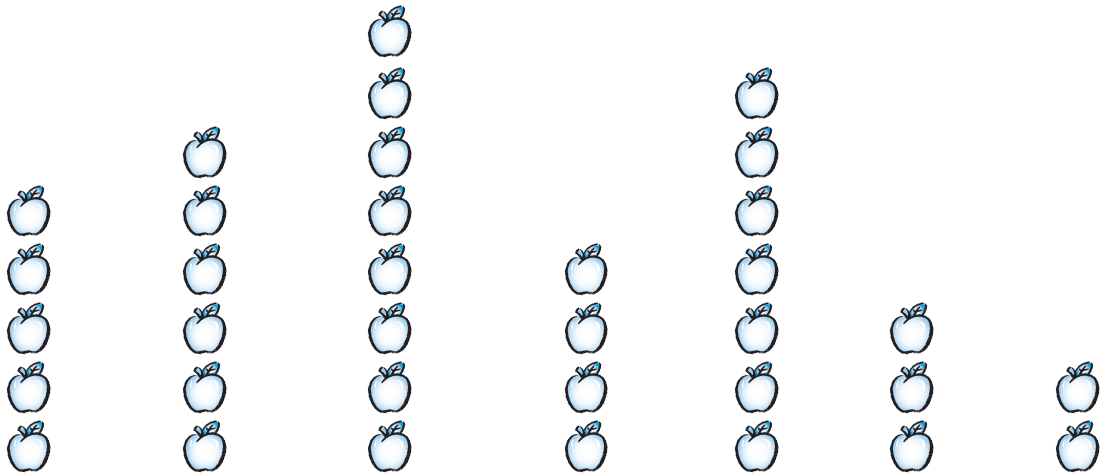
6 Write the answers.

$$6 + 4 = 10$$

$$2 + 7 = 9$$

$$8 - 2 = 6$$

7 This shows how many apples a shop sold each day.



Monday Tuesday Wednesday Thursday Friday Saturday Sunday

How many apples were sold on Monday?

5

How many more apples were sold on Friday than on Tuesday?

1

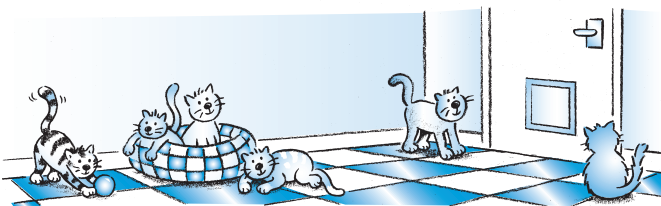
On which day were the most apples sold?

Wednesday

8 Draw a book under the chair.



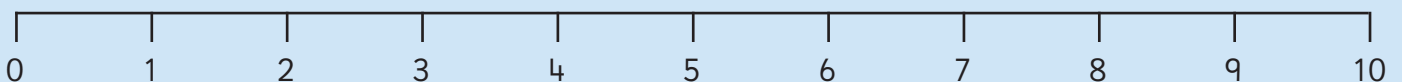
9 Write the answer to this word problem.



There are **2** cats in the basket.
There are **4** cats on the floor.

How many cats are there altogether?

6

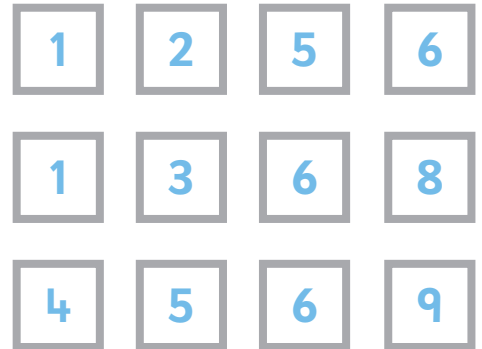
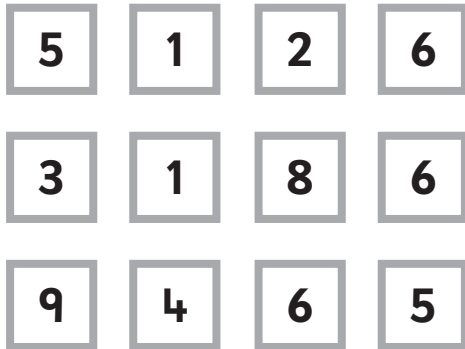


Check-up 3 Number

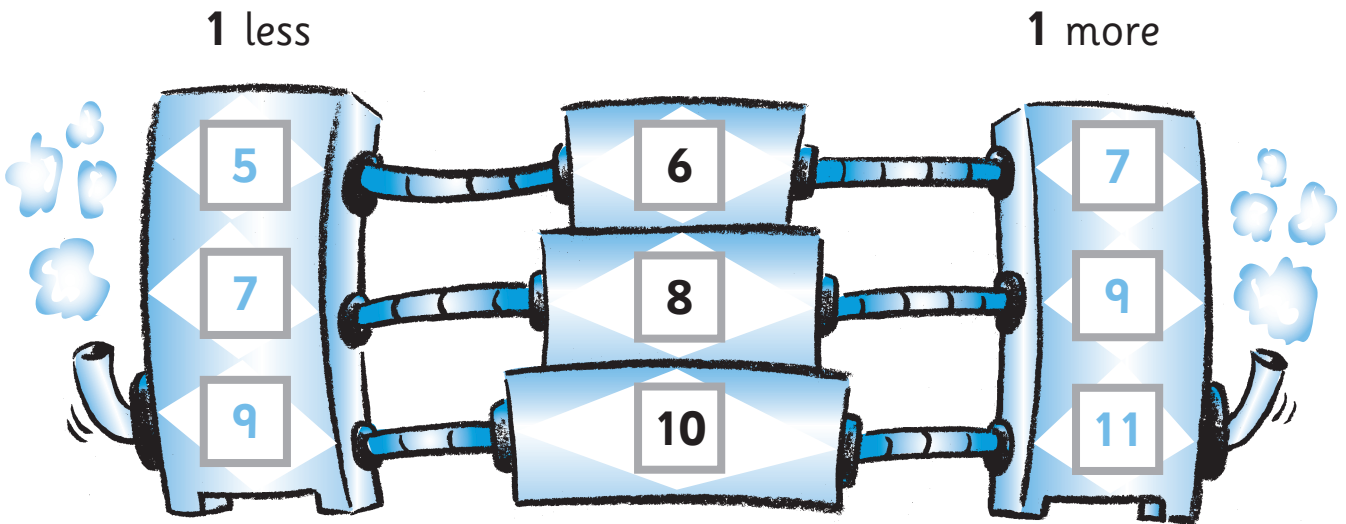
Session Focus
Number order
Addition/subtraction
Word problems

3

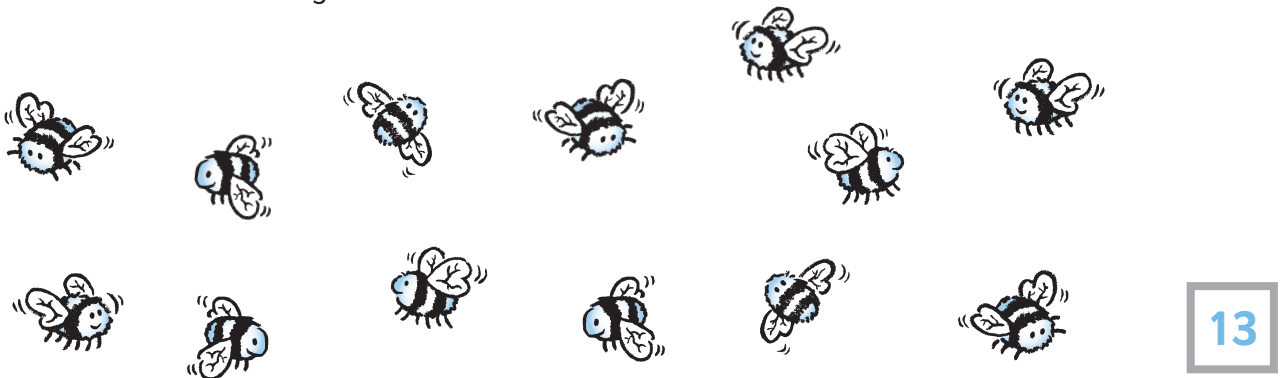
1 Write these numbers in order.



2 Write the missing numbers.



3 Count how many. Write the number.



4 Count how many. Write the number. Write the number that is half.



5 Continue the counting patterns.

1 2 3 4 5 6

0 5 10 15 20

0 2 4 6 8 10

6 Write the answers to these addition and subtraction sentences.

$1 + 3 = 4$

$4 + 2 = 6$

$5 - 3 = 2$

$4 - 1 = 3$

$6 + 4 = 10$

$9 + 1 = 10$

$3 + 7 = 10$

$5 + 5 = 10$

$2 + 6 = 8$

$7 - 6 = 1$

$4 + 5 = 9$

$6 - 3 = 3$

$4 + 4 = 8$

$5 + 5 = 10$

$6 + 6 = 12$

7 Write the answers to these word problems.

There are 6 birds sitting on a roof. 4 fly away.

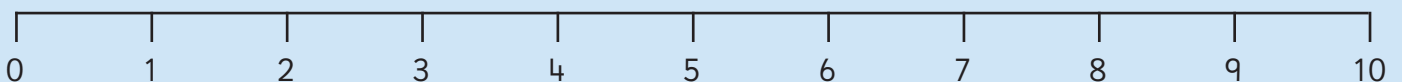
How many birds are left on the roof?

2

There are 4 sparrows and 6 pigeons in the garden.

How many birds is that in total?

10



Check-up 4 Measurement and Geometry

4

1 Draw the shapes.

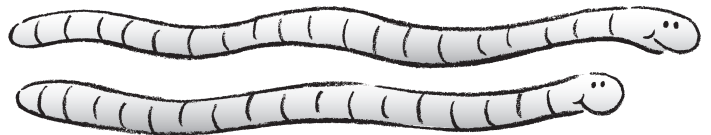
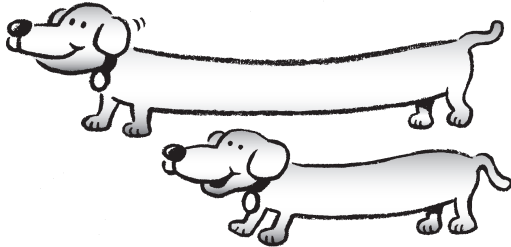
Circle

Triangle

Square

Rectangle

2 ✓ Tick the longer. ✗ Cross the shorter.































3 Draw a pair of cats. Make one taller than the other.

Taller

Shorter

Check-up 4 (page 2)

4 Write the answers.

				
				
				
				
				
				
				
				
				
				
dogs	cats	birds	fish	rabbits

How many cats are there?

How many more cats than dogs are there?

How many fewer birds than fish are there?

How many more dogs than rabbits are there?

Check-up 4 (page 3)

5 Draw the pictures.



A cat under the bed.



A bird in the cage.



A plate on the table.

6 Write the name of your favourite day.
Draw a picture to show what you do.



Check-up 4 Answers

Measurement and Geometry

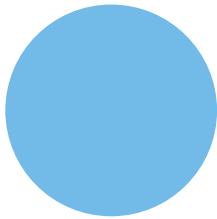
Session Focus

Naming common 2-D shapes
Using sorting diagrams
Comparing pictures to show which is longer/shorter
Word problems
Identifying position
Days of the week

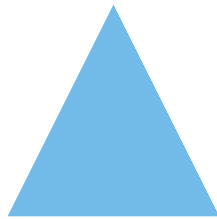
4

1 Draw the shapes.

Circle



Triangle



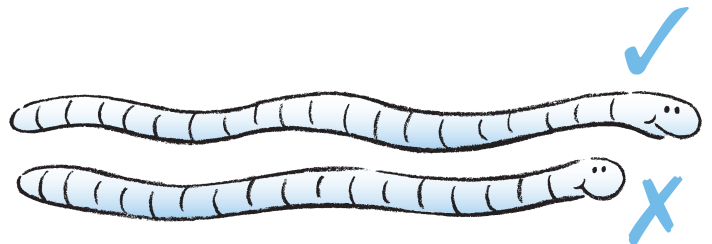
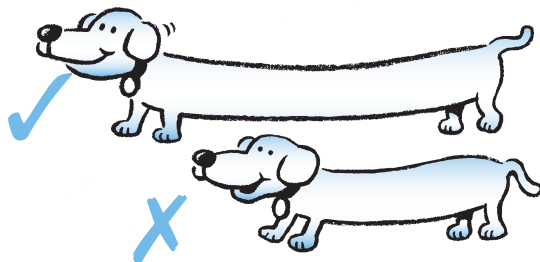
Square



Rectangle

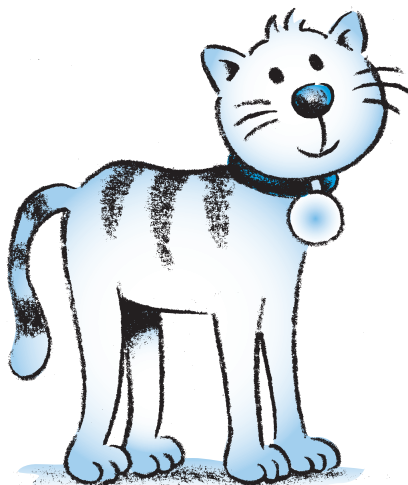


2 ✓ Tick the longer. ✗ Cross the shorter.



3 Draw a pair of cats. Make one taller than the other.

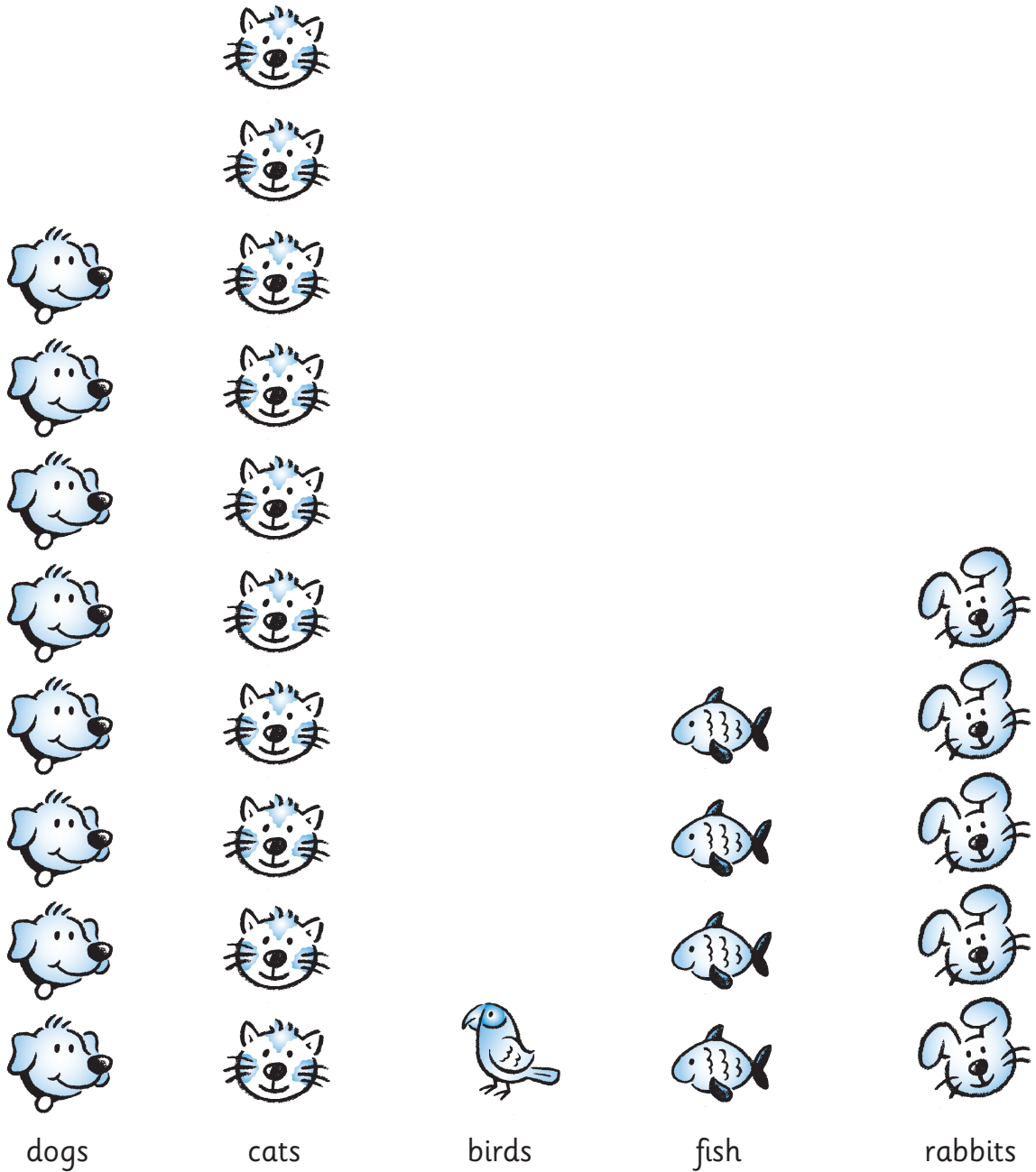
Taller



Shorter



4 Write the answers.



How many cats are there?

10

How many more cats than dogs are there?

2

How many fewer birds than fish are there?

3

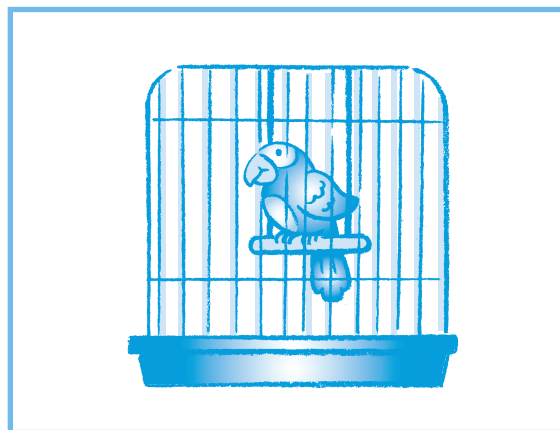
How many more dogs than rabbits are there?

3

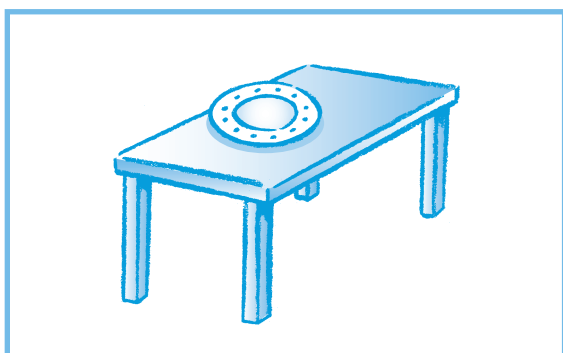
5 Draw the pictures.



A cat under the bed.



A bird in the cage.



A plate on the table.

6 Write the name of your favourite day.
Draw a picture to show what you do.

Child's picture

Day of the week