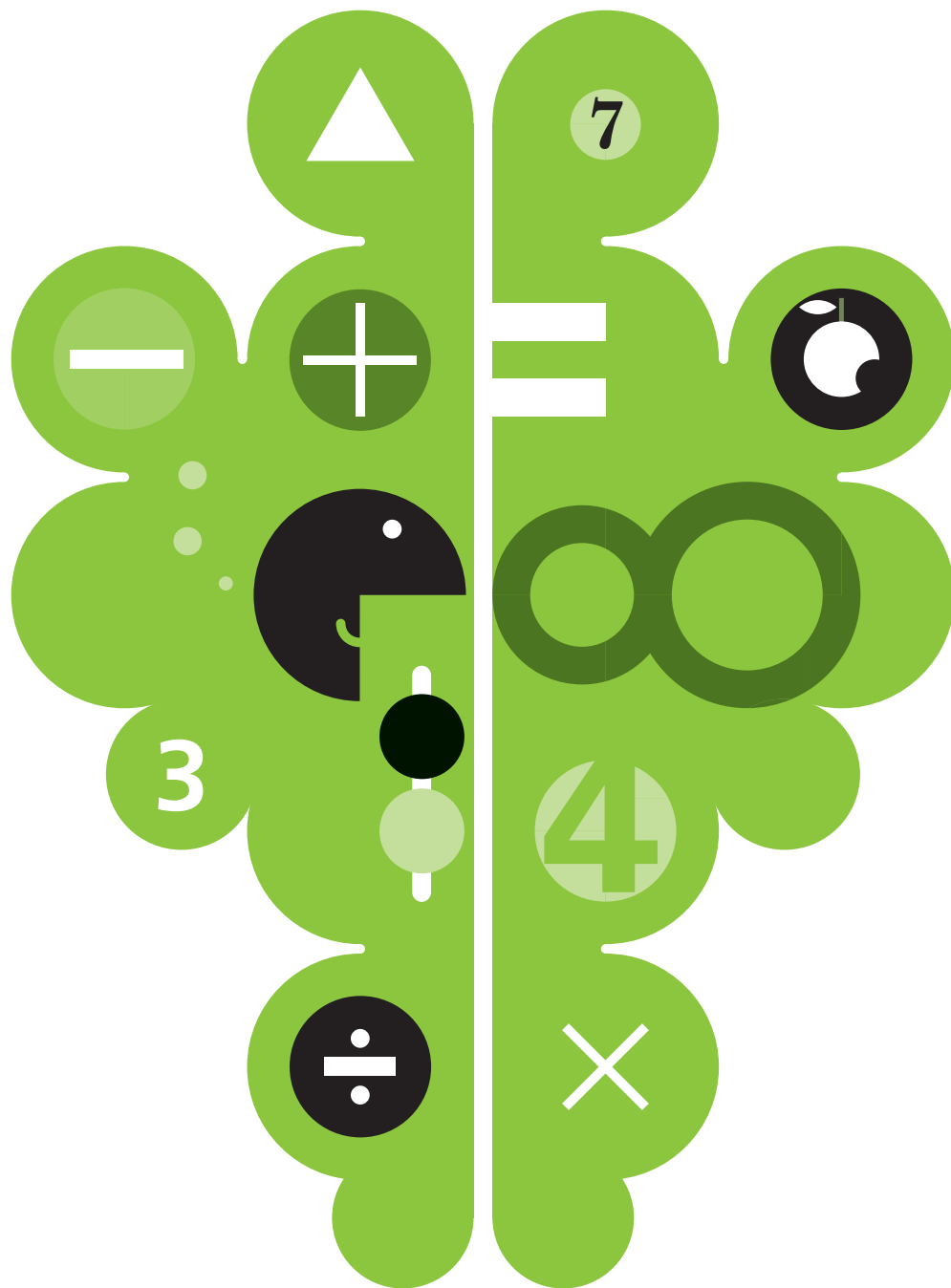


First Mental Arithmetic 2

Answers

Schofield&Sims



Name _____

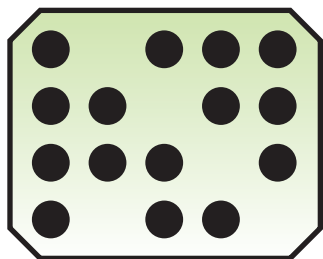


Section 1 Session 1

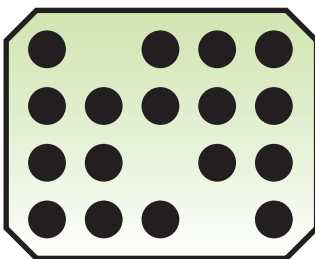
Session Focus
Counting up to 20 objects
Comparing and ordering numbers
Reading and writing numerals to 20

A

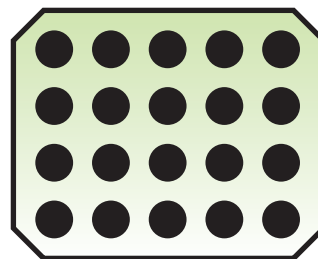
1 Count the spots. Write how many.



15



17



20

2 Write these numbers in order.

10

13

11

12

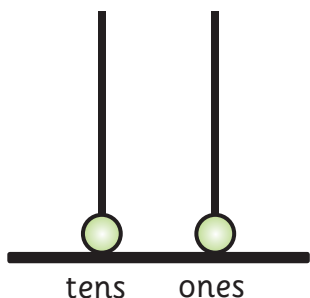
10

11

12

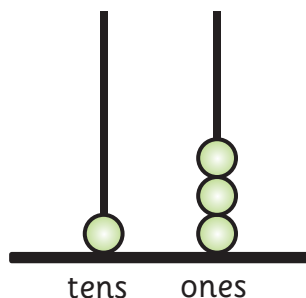
13

3 Write these numbers.



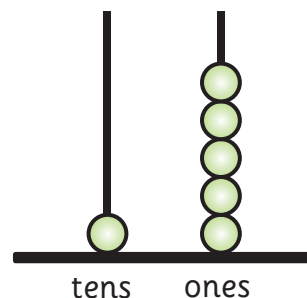
1

1



1

3

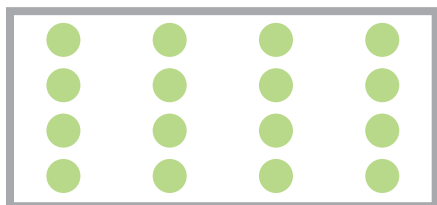


1

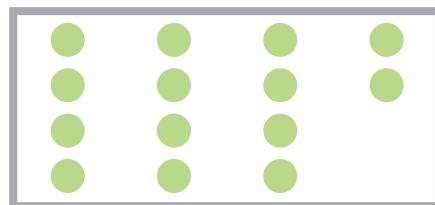
5

B

4 Draw the number of dots.



16



14

5 Write the missing numbers.

12

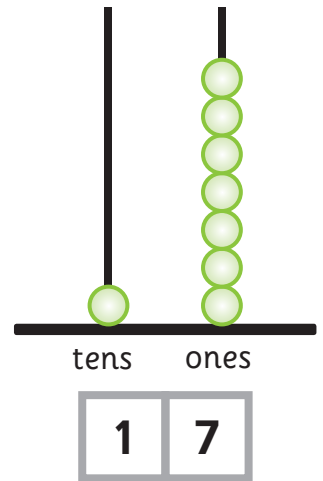
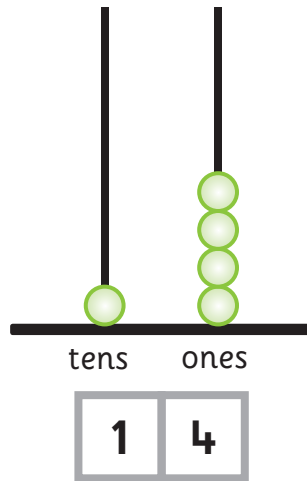
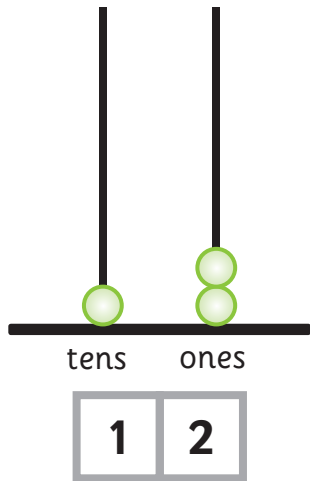
13

14

15

16

6 Draw beads to show these numbers.



C

7 Luke has 20 marbles. Draw Luke's marbles.



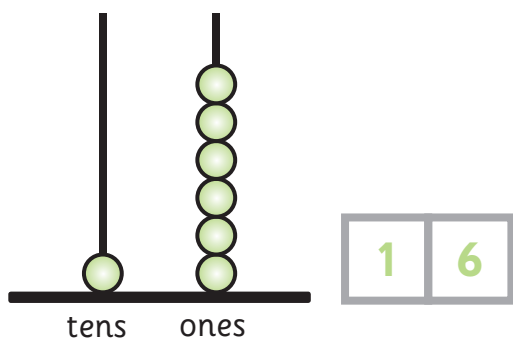
8 Here are some number cards. Write the numbers in order.

19 15 18

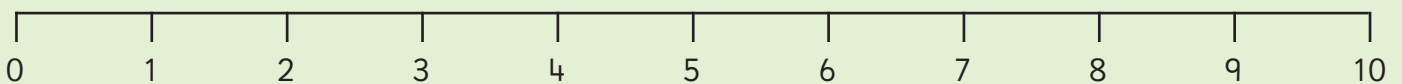
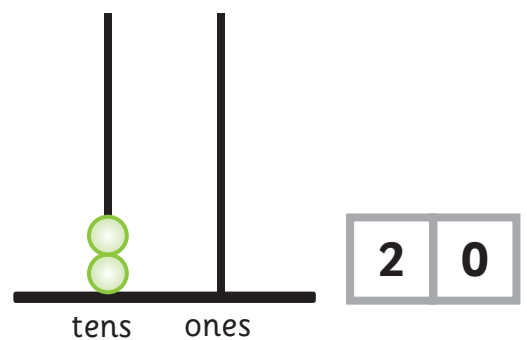
15 18 19

9 Look at the beads.

Write the number.



Draw beads to show this number.



Section 1 Session 2

Session Focus
Adding by counting on, a ten and ones
1 more or 1 less
10 more or 10 less

A

1 Write the answers.

$10 + 1 = \boxed{11}$

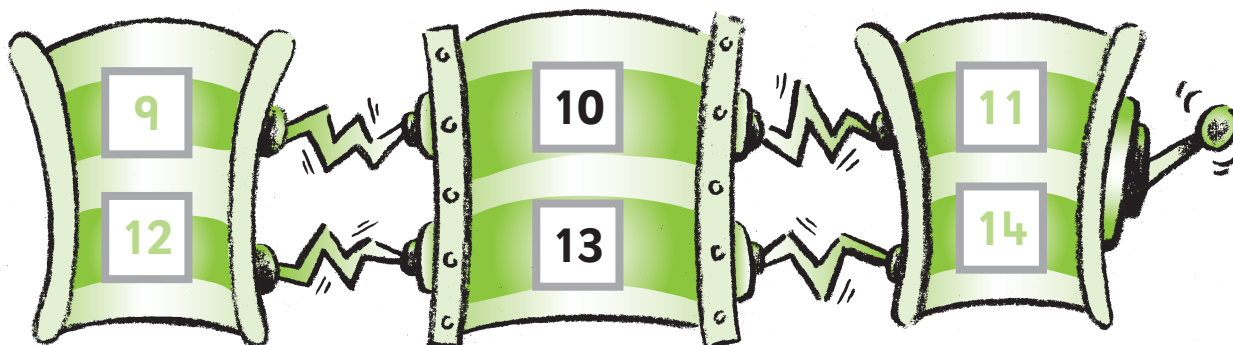
$10 + 3 = \boxed{13}$

$10 + 5 = \boxed{15}$

2 Write the missing numbers.

1 less

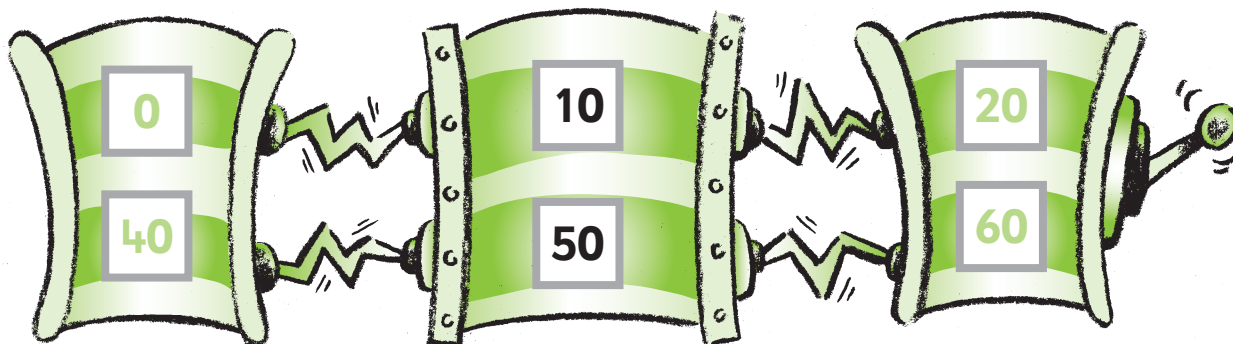
1 more



3 Write the missing numbers.

10 less

10 more



B

4 Write the missing numbers.

1 less

1 more



5 Write the answers.

10 add 6 is

10 add 9 equals

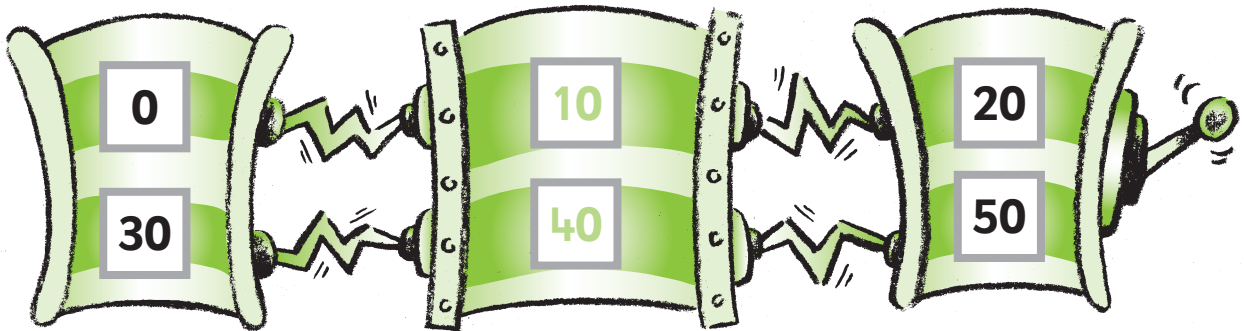
10 add 7 is

10 and 10 makes

6 Write the missing numbers.

10 less

10 more



C

7 Write the answer.

Max has **10p**. Ella gives Max **7p**.

How much money does Max have now?

8 Write the answer.

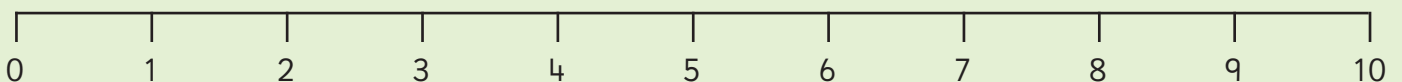
Tamwar has **17** pencils. Jamil has **1** more pencil than Tamwar.

How many pencils does Jamil have?

9 Write the answer.

Ruby has **30** beads. Molly has **10** fewer beads than Ruby.

How many beads does Molly have?



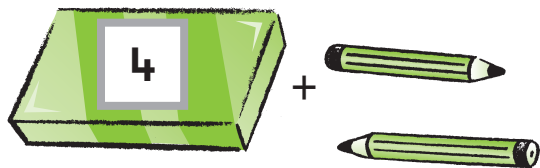
Section 1 Session 3

Session Focus

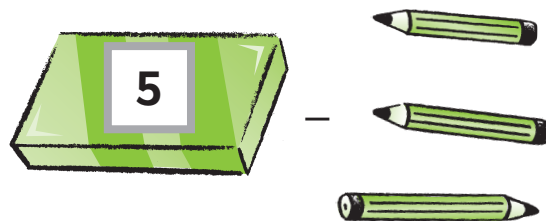
Vocabulary of addition and subtraction
Subtracting by counting up from the smaller number
Visualising and naming common 2-D and 3-D shapes

A

1 Write the answers.



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

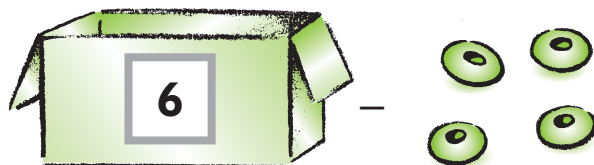


$$5 - 3 = \boxed{2}$$

2 Count up from the smaller number. Write the answers.

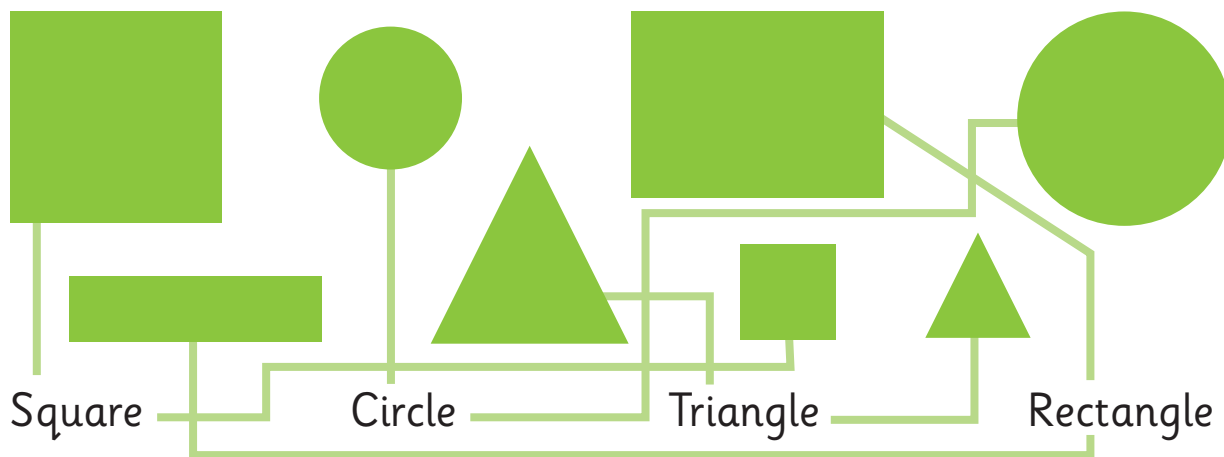


$$4 - 3 = \boxed{1}$$



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

3 Join the 2-D shapes to their names.



B

4 Write the answers.

$$5 \text{ add } 2 \text{ is } \boxed{7}$$

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

$$6 \text{ and } 3 \text{ is } \boxed{9}$$

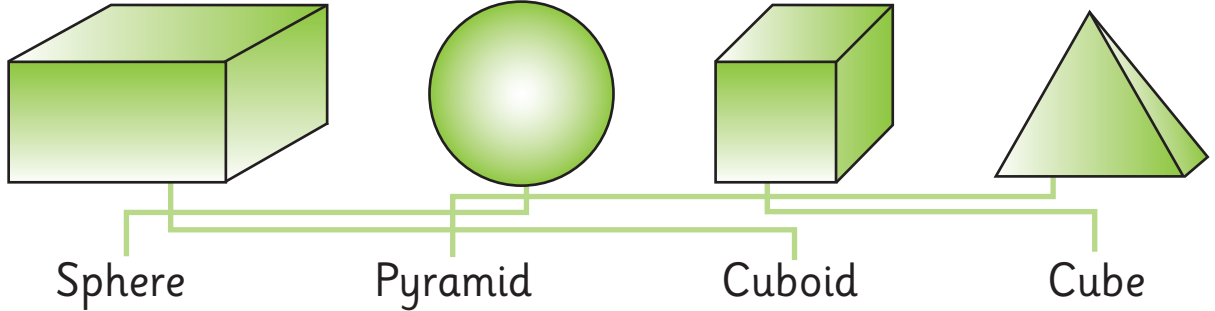
$$4 \text{ and } 6 \text{ equals } \boxed{10}$$

5 Write the answers.

10 subtract 1 equals 9

5 take away 3 leaves 2

6 Join the **3-D** shapes to their names.



C

7 Write the answer.

Amber has **4** sweets. Sam has **5** sweets.

How many sweets are there altogether?

9

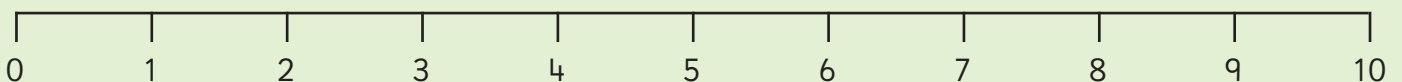
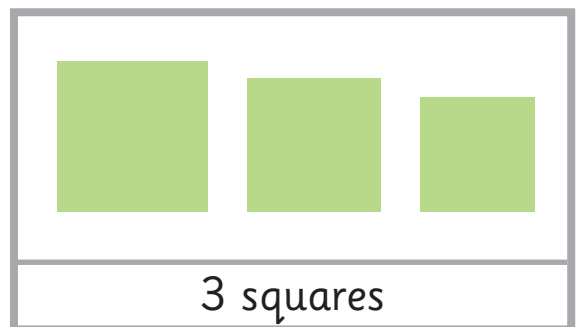
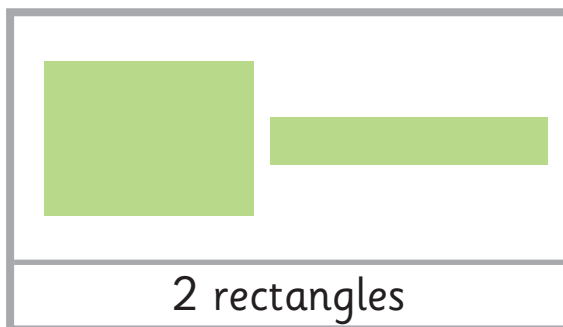
8 Write the answer.

Joel has **7** grapes. He eats **5** grapes.

How many grapes are left?

2

9 Draw these shapes.

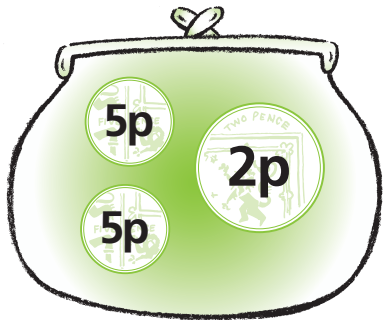


Section 1 Session 4

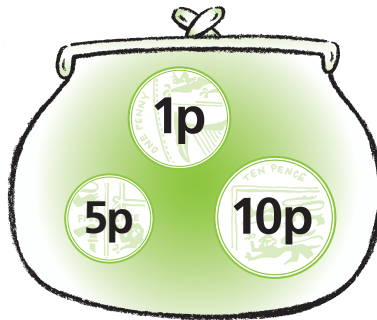
Session Focus
Counting totals
Doubles of numbers to 10
Pairs of numbers with a total of 10

A

1 Write how much money is in each purse.



12p

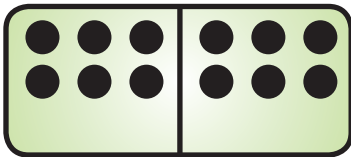


16p

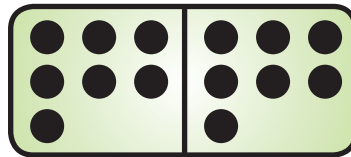


14p

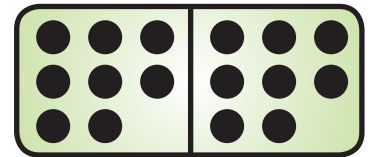
2 Write the doubles.



12



14



16

3 Write the answers.

$1 + 9 = 10$

$2 + 8 = 10$

$3 + 7 = 10$

$4 + 6 = 10$

$5 + 5 = 10$

$6 + 4 = 10$

$7 + 3 = 10$

$8 + 2 = 10$

$9 + 1 = 10$

B

4 Write how much the coins total.



and



2p



and



10p



and



4p



and



20p

5 Write the answers.

$2 + 2 = \boxed{4}$

$8 + 8 = \boxed{16}$

$9 + 9 = \boxed{18}$

$10 + 10 = \boxed{20}$

6 Write the answers.

$5 + \boxed{5} = 10$

$4 + \boxed{6} = 10$

$\boxed{7} + 3 = 10$

$\boxed{1} + 9 = 10$

C

7 Write the answer.

Jamie has **3** cookies. Noah has double that number.

How many cookies does Noah have?

6

8 Write the answer.

Grace has **7** peaches. Sunita has double that number.

How many peaches does Sunita have?

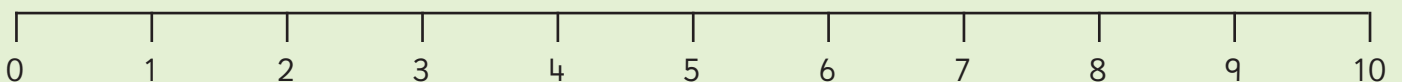
14

9 Write the answer.

Emma has **7** toffees. Leo has **3** toffees.

How many toffees is that in total?

10



Section 1 Session 5

Session Focus

Measuring length by counting uniform non-standard units
Addition and subtraction facts for totals to 5
Pairs of numbers with a total of 10

A

1 Write the answer.



How many squares long is the line?

5

2 Write the answers.

$2 + 3 = 5$

$1 + 4 = 5$

$5 - 1 = 4$

$3 + 2 = 5$

$5 - 0 = 5$

$4 - 2 = 2$

$3 - 3 = 0$

$5 - 4 = 1$

3 Write the answers.

$9 + 1 = 10$

$4 + 6 = 10$

$2 + 8 = 10$

$7 + 3 = 10$

$0 + 10 = 10$

$5 + 5 = 10$

$6 + 4 = 10$

$1 + 9 = 10$

$10 + 0 = 10$

4 Draw the answer.

Draw a line that is 4 squares long.



B

5 Write the answers.

2 add 2 is equal to 4

5 take away 3 equals 2

4 and 1 makes 5

4 take away 2 leaves 2

6 Write the answers.

$4 + \boxed{6} = 10$

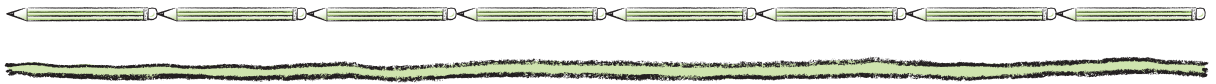
$\boxed{3} + 7 = 10$

$9 + 1 = \boxed{10}$

2 add $\boxed{8}$ makes 10

C

7 Write the answer.



Some string is the same length as **8** pencils.

How many pencils long is half the string?

$\boxed{4}$

8 Write the answers.

5 cats are on the wall. **3** cats jump off.

How many cats are left on the wall?

$\boxed{2}$

4 cats sit on the grass. **1** more cat sits on the grass.

How many cats are there altogether?

$\boxed{5}$

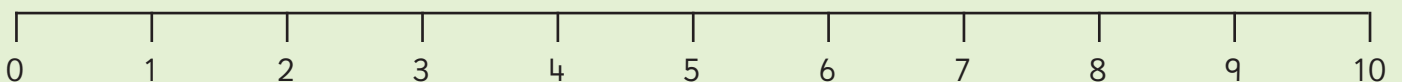
9 Write the answer.

There are **6** books on the window sill.

There are **4** books on the table.

How many books is that in total?

$\boxed{10}$

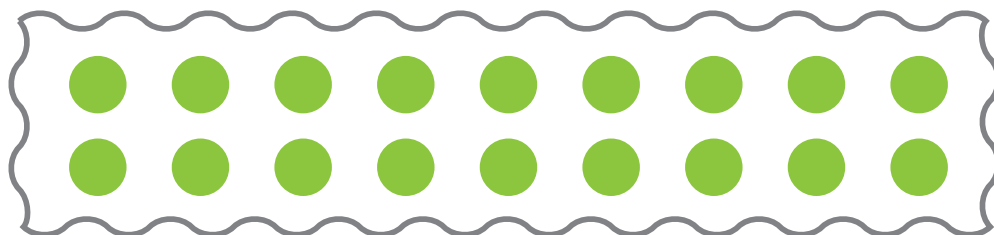


Section 1 Check-up 1

Session Focus
Counting up to 20
Ordering numbers
Addition, Subtraction and 3-D shapes

1

1 Count the dots.



18

2 Write the numbers in order.

10

8

15

12

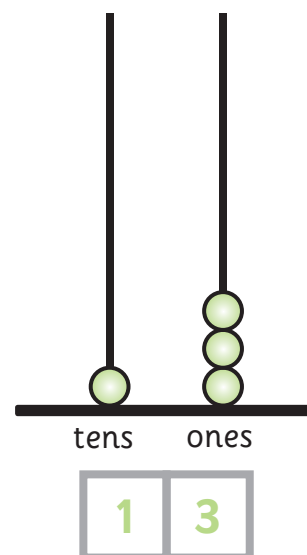
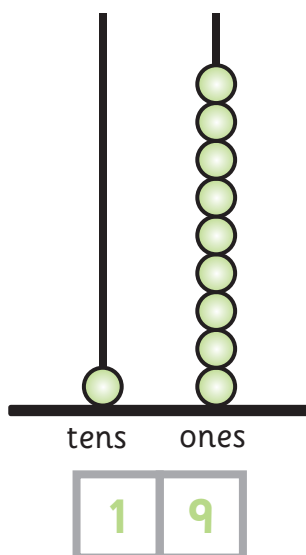
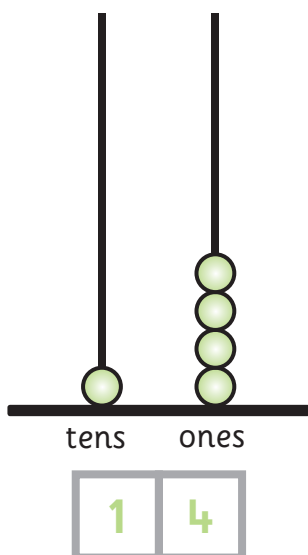
8

10

12

15

3 Write these numbers.



4 Write the missing numbers.

5

+ 5 = 10

9 +

1

= 10

6 + 4 =

10

5 Write the missing numbers.

1 less

1 more

10 less

10 more

18

19

20

10

20

30

6 Write the missing numbers.

4 and makes 10

7 add 3 equals

10 minus equals 2

add 5 makes 10

7 Write the missing numbers.

3 + = 4

5 - = 3

+ 2 = 4

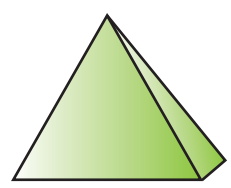
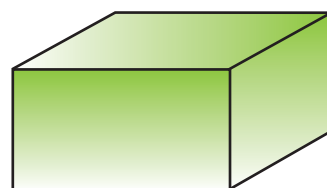
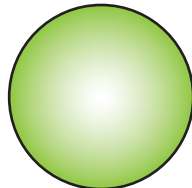
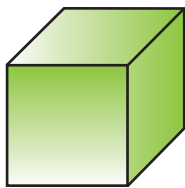
8 Write the answers.

9 - 6 =

8 - 6 =

10 - 7 =

9 Write the names of these 3-D shapes.



Cube

Sphere

Cuboid

Pyramid

10 Write the doubles.

6

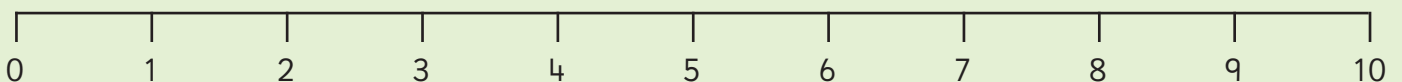
7

9

11 Write the answer.



How long is this line? squares



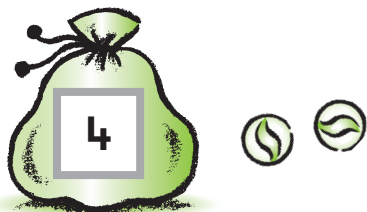
Section 2 Session 1

Session Focus

Adding by counting on
Subtracting by counting up from the smaller number
Ordering by weight and capacity

A

1 Write the totals.



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



$$6 + 2 = \boxed{8}$$



$$6 + 3 = \boxed{9}$$

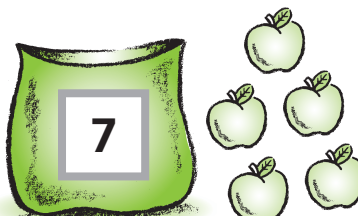
2 Write the answers.



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

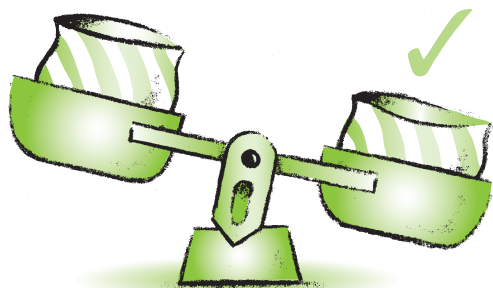


$$7 - 3 = \boxed{4}$$



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

3 Tick the bag that is heavier.



B

4 Write the answers.

$$3 + 4 = \boxed{7}$$

$$6 + 1 = \boxed{7}$$

$$4 + 5 = \boxed{9}$$

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

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

$$6 + 2 = \boxed{8}$$

5 Write the answers.

$7 - 5 = \boxed{2}$

$8 - 4 = \boxed{4}$

$6 - 3 = \boxed{3}$

6 Tick the jar that has more.



C

7 Write the answer.

Anil has **4** sweets. Katie has **3** sweets.

How many sweets do Anil and Katie have altogether?

7

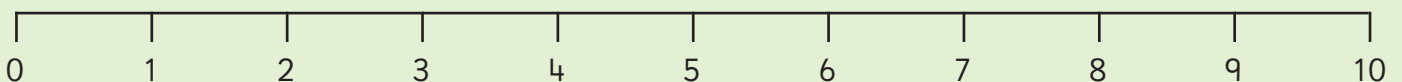
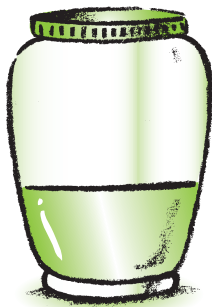
8 Write the answer.

Oliver has **8** blueberries. He eats **3** blueberries.

How many blueberries does Oliver have left?

5

9 Tick the jar that is full. Circle the jar that is empty.

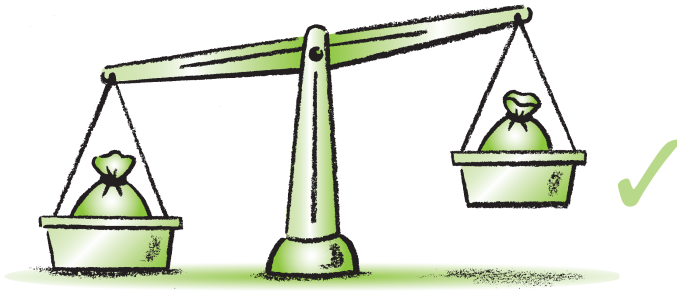


Section 2 Session 2

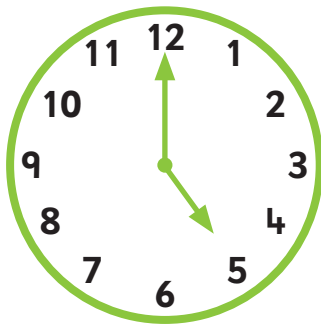
Session Focus
 Ordering by weight and capacity
 Telling the time to the hour
 Addition and subtraction sentences

A

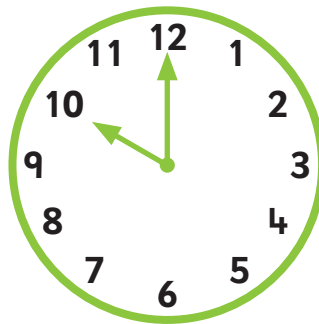
1 Tick the lighter one.



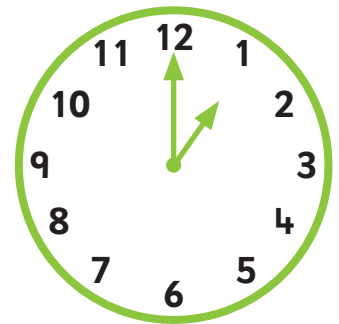
2 Write the time.



o'clock



o'clock




o'clock

3 Write the answers.

+  =

+  =

-  =

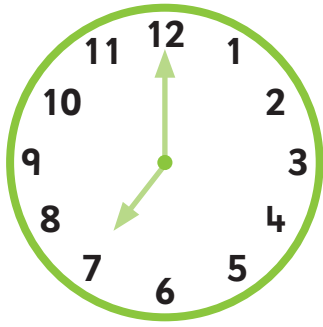
-  =

B

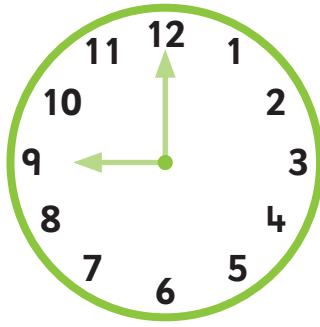
4 Tick the jar with less.



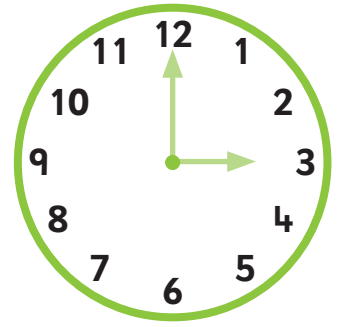
5 Draw the hands to show the time.



7 o'clock



9 o'clock



3 o'clock

6 Write the answers.

$$2 + \boxed{6} = 8$$

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

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

C

7 Tick the jar that is holding least.



8 Write the answer.

Ella gets to school at **9** o'clock. She has lunch at **12** o'clock.

How long has she been at school?

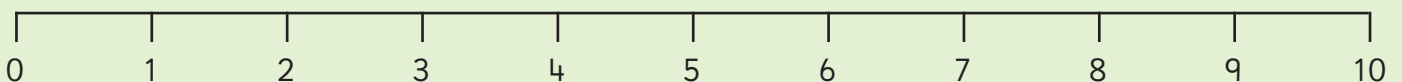
$\boxed{3}$ hours

9 Write the answer.

Kai has **10** marbles. He gives **3** marbles to Imogen.

How many marbles has Kai now?

$\boxed{7}$

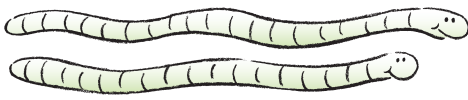


Section 2 Session 3

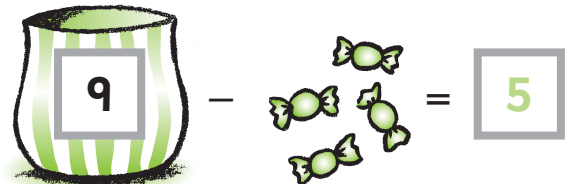
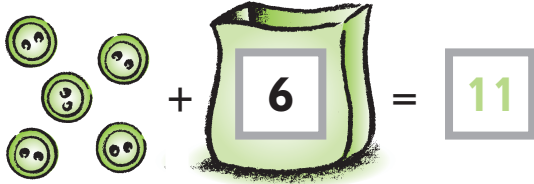
Session Focus
Ordering by length
Addition and subtraction sentences
Position, direction and movement

A

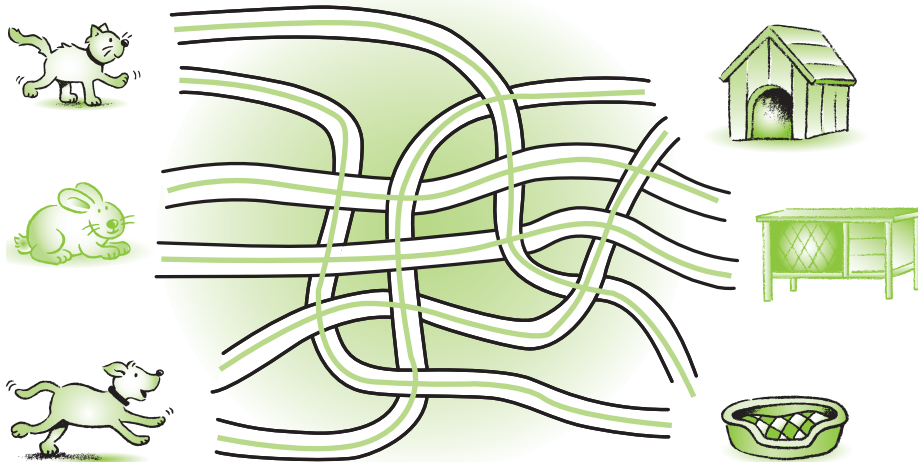
1 Tick the longer one.



2 Write the answers.



3 Draw a line to show how the cat can get to his basket.



Only one line should be drawn for the dog.

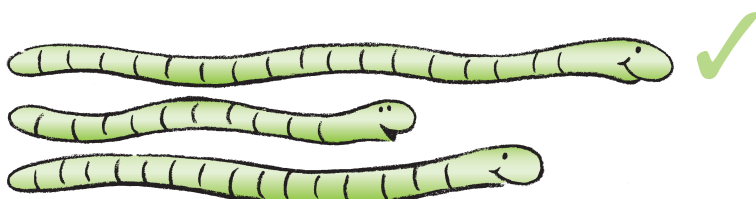
B

4 Look at the picture in question 3.

Draw a rabbit between the cat and the dog.

Draw a hutch between the basket and kennel.

5 Tick the longest.



6 Write the answers.

7 add 3 equals

10

2 and 4 is equal to

6

5 subtract 3 leaves

2

7 minus 4 equals

3

C

7 Write the answers.

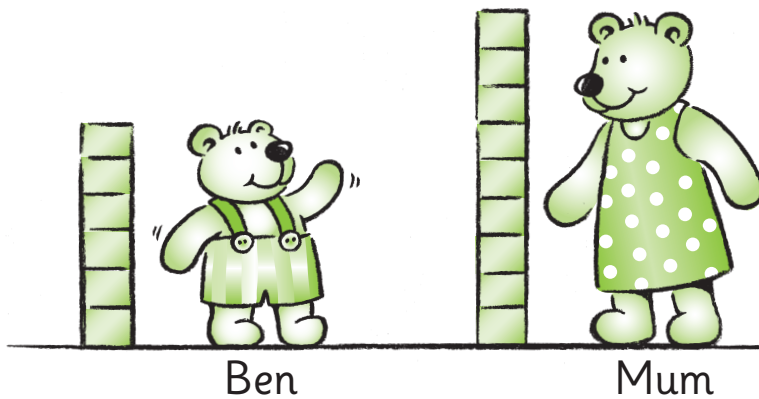
Who is the taller?

Mum

How much taller?

3

bricks



8 Write the answer.

Tilly has 6 grapes. Jay has 5 grapes.

How many grapes do Tilly and Jay have altogether?

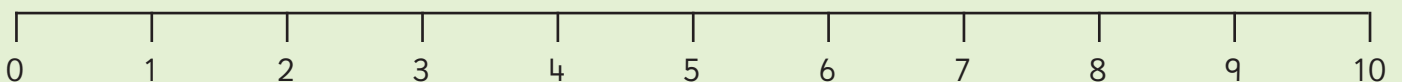
11

9 Look at the picture in question 3.

Draw a line to show how the rabbit can get home.

Do this for the dog.

Draw another way home for the cat. Do this for the rabbit.

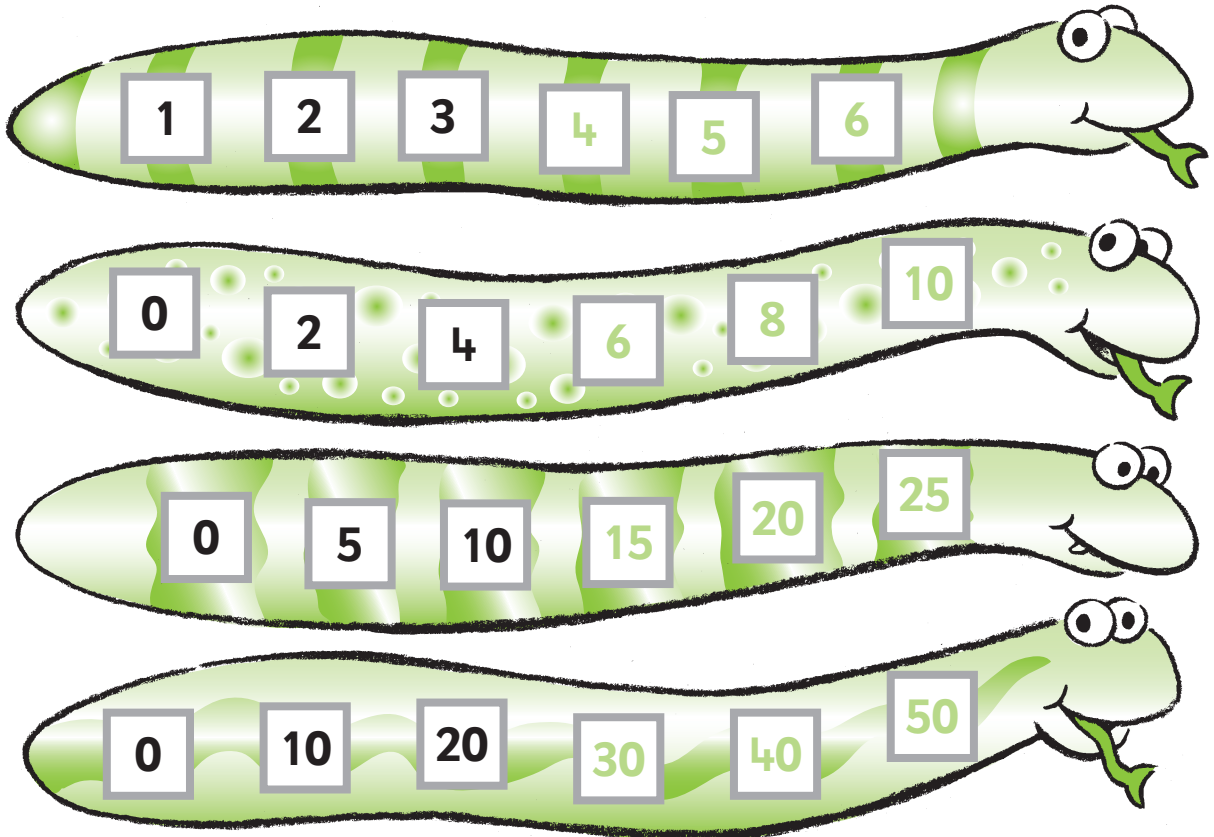


Section 2 Session 4

Session Focus
Counting in 1s, 2s, 5s and 10s
Addition and subtraction sentences
Whole, half and quarter turns

A

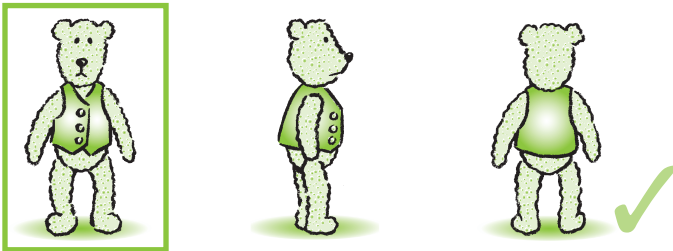
1 Continue the pattern.



2 Write the answers.



3 Tick the teddy that has made half a turn.



B

4 Write the answers.

7 add 4 equals

6 minus 6 is

5 Write the missing numbers.



6 Tick the car that has made a quarter turn.



C

7 Write the answer.

Josh has **6** marbles. Maya has **8** marbles. Rose has **10** marbles. Toby has **2** marbles more than Rose.

How many marbles does Toby have?

12

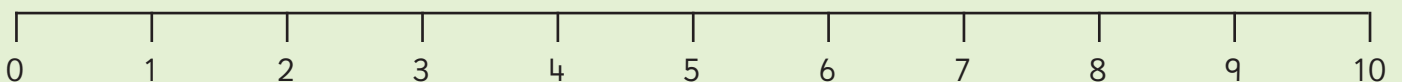
8 Write the answer.

Mia has **7** grapes. She eats **4** grapes.

How many grapes are left?

3

9 Tick the things that can turn.



Section 2 Session 5

Session Focus
Combining groups of 2, 5 or 10
Addition and subtraction sentences
Dates, months and years

A

1 Write the answers.



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



$$5 + 5 + 5 = \boxed{15}$$

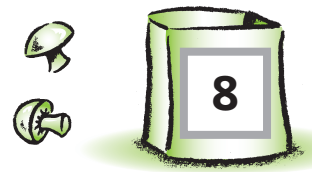
2 Write the answers.



$$7 + 2 = \boxed{9}$$



$$3 + 6 = \boxed{9}$$



$$2 + 8 = \boxed{10}$$

3 Write the answers.

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

$$9 - 6 = \boxed{3}$$

B

4 Write the answers.

What month comes after May?

June

What month comes after October?

November

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



$$2 + 2 + 2 + 2 = \boxed{8}$$



$$5 + 5 + 5 + 5 = \boxed{20}$$



$$10 + 10 + 10 + 10 = \boxed{40}$$

6 Write the answers.

7 take away 4 leaves

3

8 subtract 6 equals

2

4 minus 2 is equal to

2

7 subtract 2 equals

5

6 take away 4 leaves

2

9 subtract 6 equals

3

5 subtract 0 equals

5

10 take away 3 leaves

7

9 minus 4 equals

5

4 subtract 4 leaves

0

C

7 Write the answers.

Today's date is **1 January 2016**.

What date will it be tomorrow?

2 January 2016

Today's date is **13 September 2015**.

What date will it be tomorrow?

14 September 2015

8 Write the answer.

There are **4** red grapes and **5** green grapes on the plate.

How many grapes are there in total?

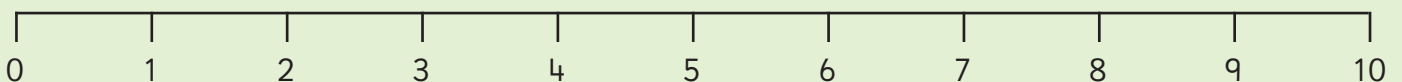
9

9 Write the answer.

There are **8** grapes on the plate. Eddie eats **7** grapes.

How many grapes are left?

1

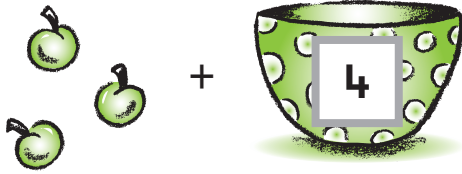


Section 2 Session 6

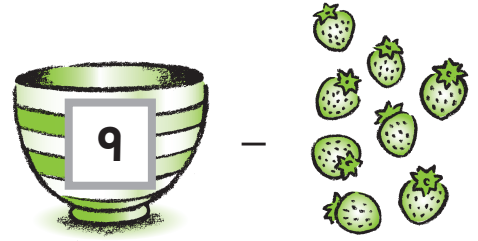
Session Focus
Addition and subtraction sentences
Combining groups of 2, 5 or 10
Sharing into equal groups

A

1 Write the answers.



$$3 + 4 = \boxed{7}$$



$$9 - 8 = \boxed{1}$$

2 Count along the number line. Write the answers.



$$2 + 2 + 2 + 2 + 2 + 2 = \boxed{12}$$

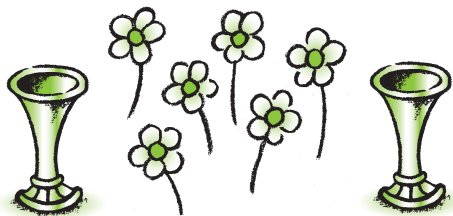


$$5 + 5 + 5 + 5 + 5 + 5 = \boxed{30}$$

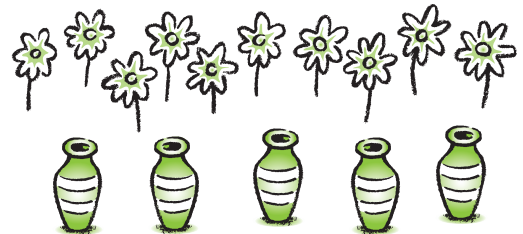


$$10 + 10 + 10 + 10 + 10 = \boxed{50}$$

3 Share the flowers between the vases. Write the answers.



$$6 \text{ shared by } 2 \text{ is } \boxed{3}$$



$$10 \text{ shared by } 5 \text{ is } \boxed{2}$$

B

4 Write the answers.

$$7 \text{ add } 2 \text{ is } \boxed{9}$$

$$9 \text{ minus } 7 \text{ is } \boxed{2}$$

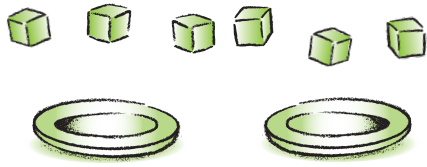
5 Start at zero. Write the answers.

$$\text{Make } 3 \text{ jumps of } 2 \text{ } \boxed{6}$$

$$\text{Make } 3 \text{ jumps of } 5 \text{ } \boxed{15}$$

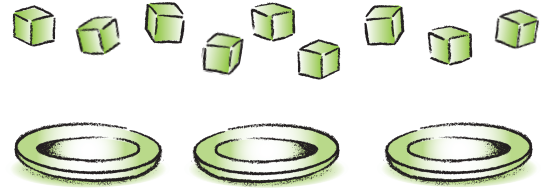
6 Use the pictures to help you. Write the answers.

Share **6** cubes between
2 plates.



6 shared by **2** is **3**

Share **9** cubes between
3 plates.



9 shared by **3** is **3**

C

7 Write the answers.

Henry has **6** pencils. Megan has **4** pencils.

How many pencils are there altogether?

10

Now Megan gives away **3** pencils.

How many pencils are there in total now?

7

8 Write the answer.

Start at **0**. Make **4** jumps of **5**.

What number do you land on?

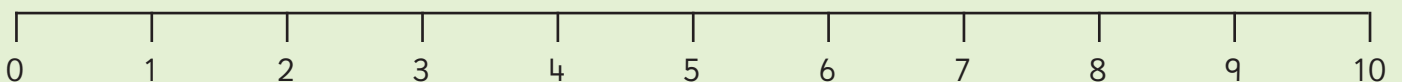
20

9 Write the answer.

Suhani has **8** flowers. She shares them equally into **2** vases.

How many flowers go into one vase?

4



Section 2 Check-up 2

Session Focus

Addition, Subtraction, Sharing into equal groups, Ordering by length, weight and capacity, Telling the time to the hour, Position, direction and movement

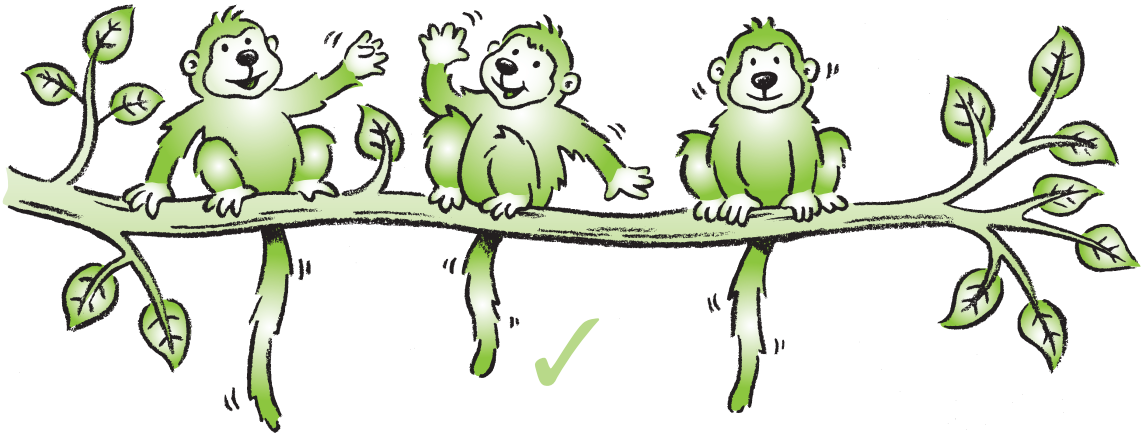
2

1 Write the answers.

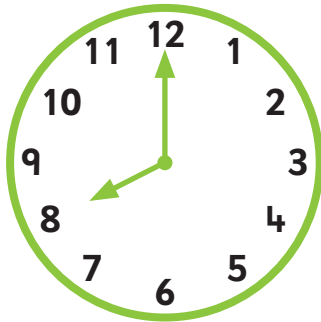
$$7 + 2 = \boxed{9}$$

$$9 - 4 = \boxed{5}$$

2 Tick the shortest tail.



3 Write the time.



$\boxed{8}$ o'clock

4 Write the answers.

$$8 + 3 = \boxed{11}$$

$$7 - 4 = \boxed{3}$$

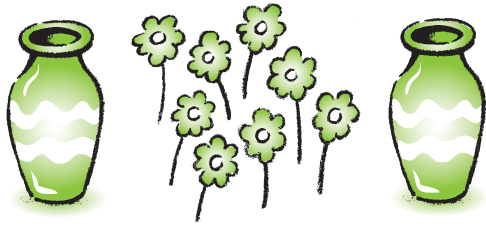
5 Write the answers.

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

$$5 + 5 + 5 + 5 = \boxed{20}$$

$$10 + 10 + 10 = \boxed{30}$$

6 Share these. Write the answers.

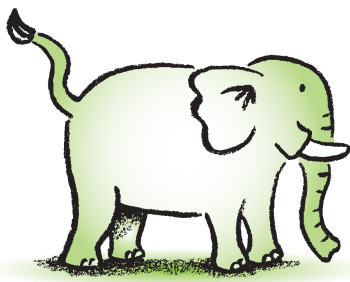


8 shared by 2 is



12 shared by 3 is

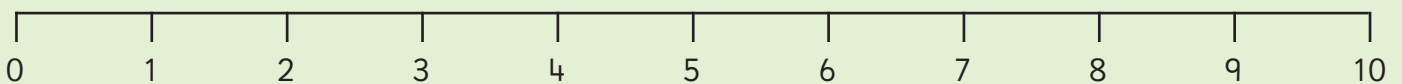
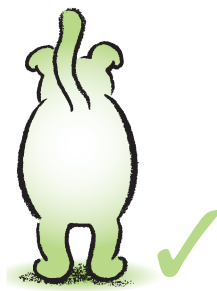
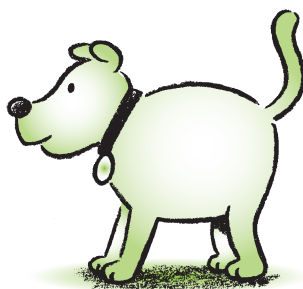
7 Draw a giraffe between the elephant and lion.



8 Complete the patterns.

6	7	8	9	10	11
2	4	6	8	10	12
0	10	20	30	40	50

9 Tick the dog that has made a half turn.



Check-up 3 Number

Session Focus

Number order, Place value, Addition/Subtraction, Doubles, Number patterns, Combining groups, Sharing into equal groups

3

1 Write the numbers in order.

13

16

15

14

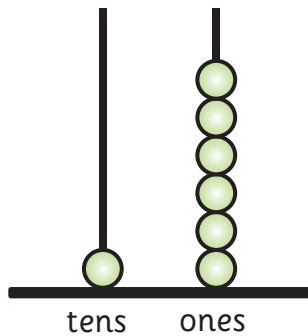
13

14

15

16

2 Write the number.



1

6

3 Write the answers.

$10 + 7 = 17$

$10 + 10 = 20$

4 Write the answers.

$1 \text{ more than } 10 \text{ is } 11$

$10 \text{ more than } 20 \text{ is } 30$

5 Write the answers.

$5 \text{ add } 6 \text{ is } 11$

$9 \text{ minus } 3 \text{ is } 6$

6 Count up from the smaller number to find the answers.

$8 - 3 = 5$

$9 - 5 = 4$

7 Write the answers.

$5 + 5 = 10$

$9 + 9 = 18$

8 Write the answers.

$1 + 9 = \boxed{10}$

$2 + \boxed{8} = 10$

9 Write the answers.

$2 + 3 = \boxed{5}$

$5 - 4 = \boxed{1}$

10 Count on from the larger number. Write the answers.

$3 + 4 = \boxed{7}$

$2 + 5 = \boxed{7}$

11 Complete the patterns.

9	10	11	12	13	14
---	----	----	----	----	----

8	10	12	14	16	18
---	----	----	----	----	----

10	15	20	25	30	35
----	----	----	----	----	----

20	30	40	50	60	70
----	----	----	----	----	----

12 Write the answers.

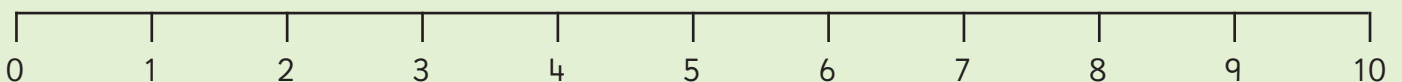
$2 + 2 + 2 + 2 + 2 = \boxed{10}$

$5 + 5 + 5 + 5 + 5 = \boxed{25}$

13 Share these cakes. Write how many on each plate.



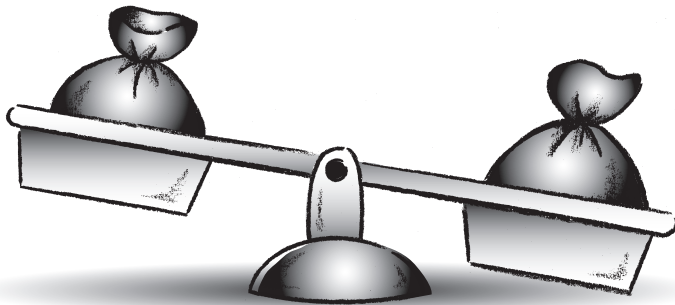
$15 \text{ shared by } 3 \text{ is } \boxed{5}$



Check-up 4 Measurement and Geometry

4

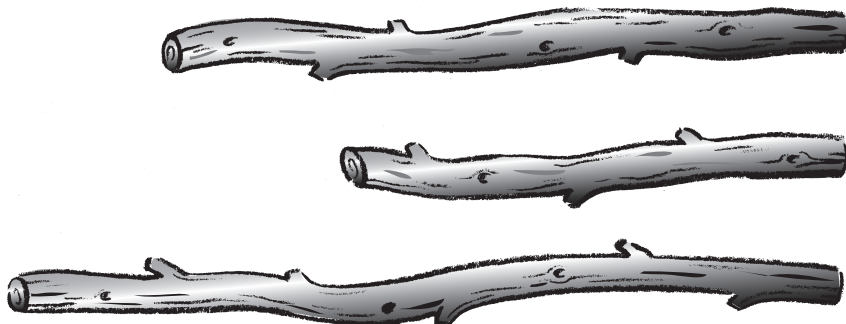
1 Tick the heavier one.



2 Tick the jar that is full.



3 Tick the shortest one.



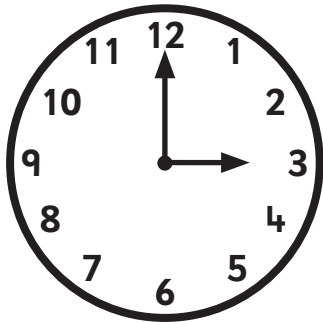
4 Write how long the ribbon is.



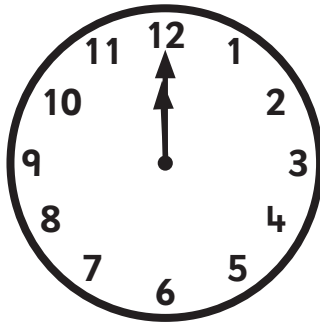
squares long

Check-up 4 (page 2)

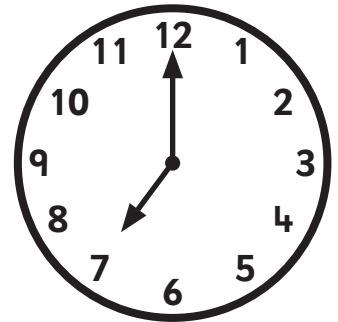
5 Write the time these clocks show.



o'clock



o'clock



o'clock

6 Draw these shapes.

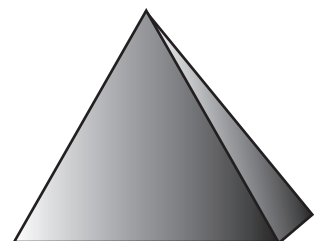
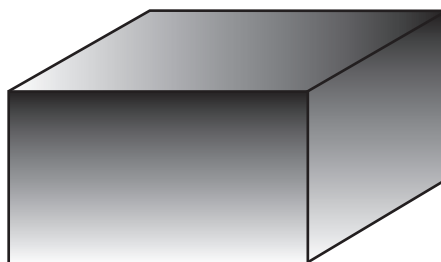
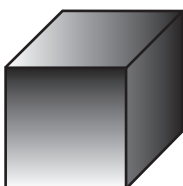
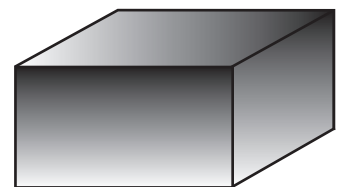
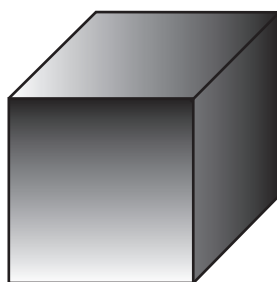
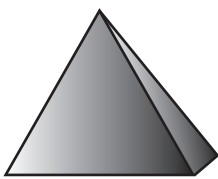
Circle

Rectangle

Triangle

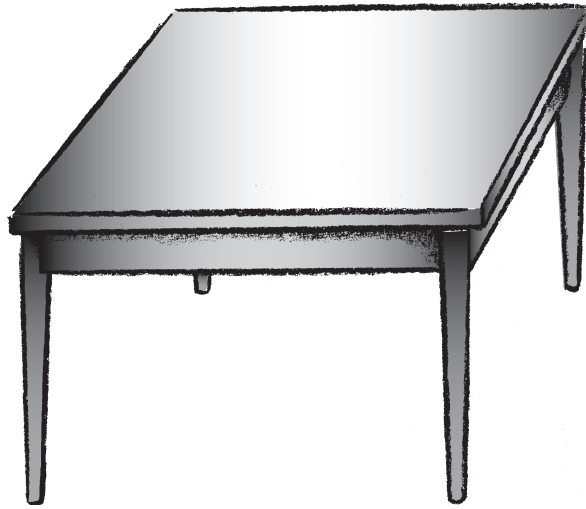
Square

7 Tick the cubes. Circle the pyramids.



Check-up 4 (page 3)

8 Draw

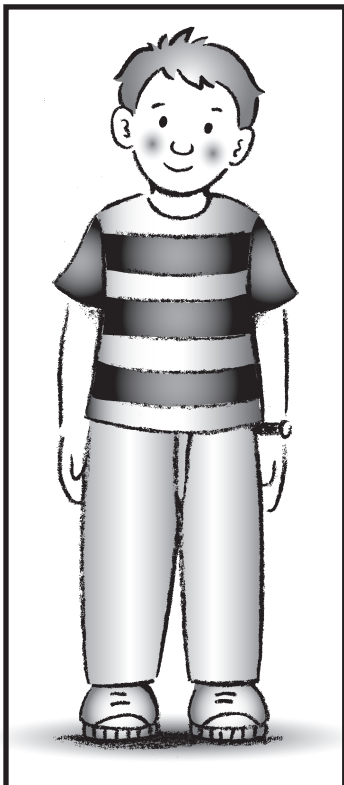


a book on the table.

a cat under the table.

a chair next to the table.

9 Circle the quarter turn.



Check-up 4 Answers

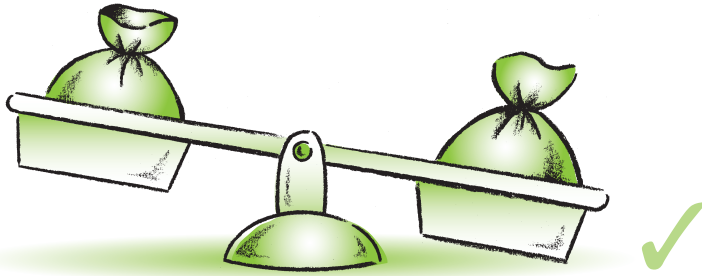
Measurement and Geometry

Session Focus

Order by length, weight and capacity
Telling the time to the hour
Shapes
Position and movement

4

1 Tick the heavier one.



2 Tick the jar that is full.



3 Tick the shortest one.



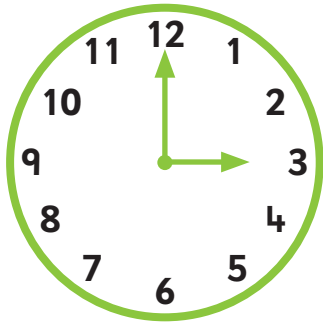
4 Write how long the ribbon is.



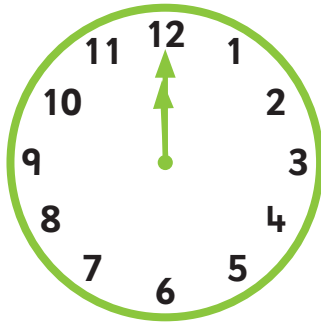
4

squares long

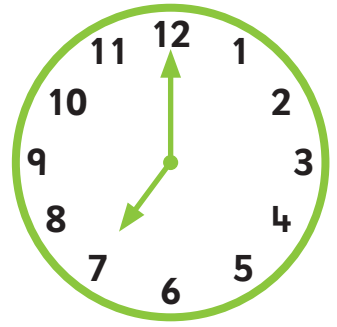
5 Write the time these clocks show.



3 o'clock



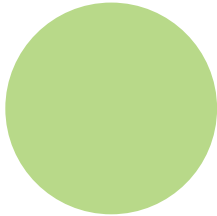
12 o'clock



7 o'clock

6 Draw these shapes.

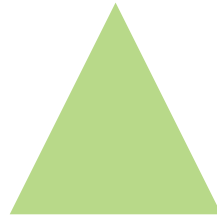
Circle



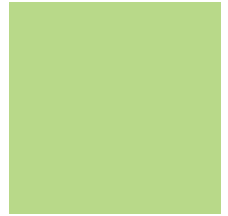
Rectangle



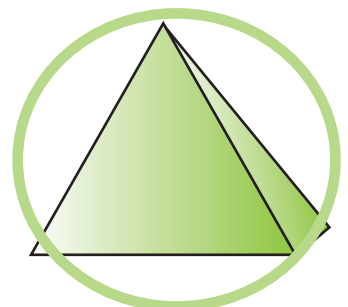
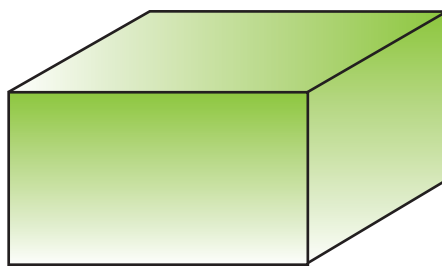
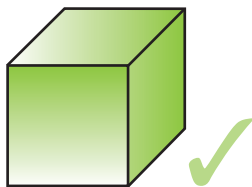
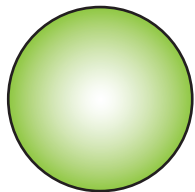
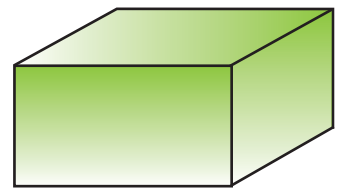
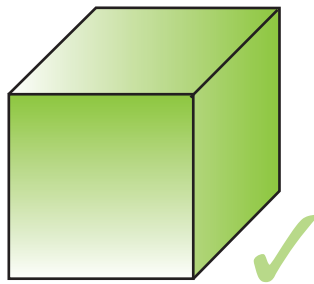
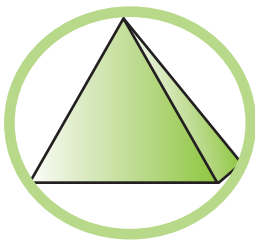
Triangle



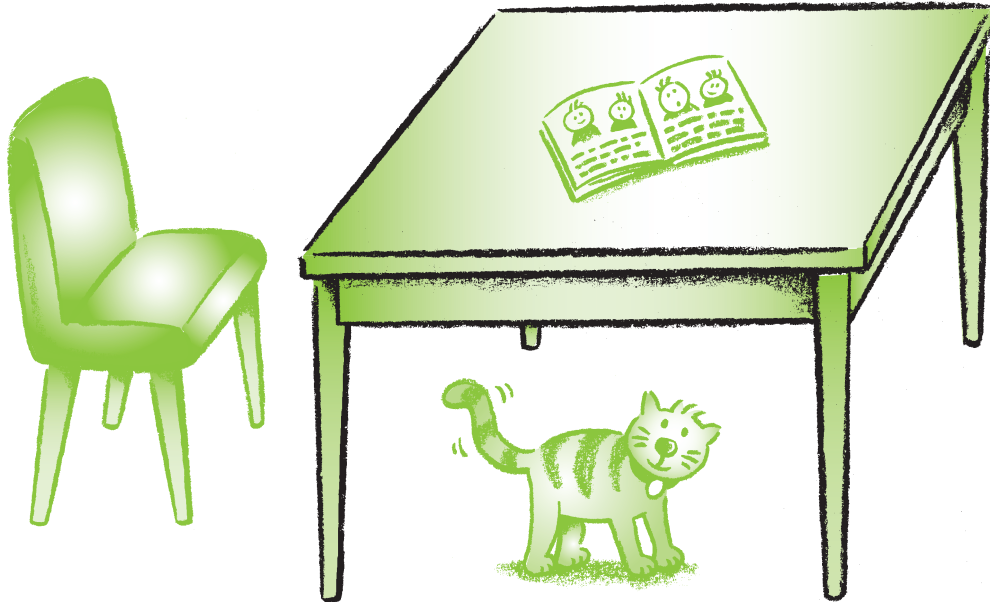
Square



7 Tick the cubes. Circle the pyramids.



8 Draw



a book on the table.

a cat under the table.

a chair next to the table.

9 Circle the quarter turn.

