REAL-LIFE MATHS

Number, Shape and Data

Workbook for National 2 Lifeskills Mathematics

Units: Number and Number Processes · Shape, Space and Data



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Blewis
LEARNING

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SHAPE, SPACE AND DATA

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How to use this book

This book helps you use numbers, shapes and simple charts in everyday life. Each topic follows the same pattern, so you always know what comes next.

EACH TOPIC HAS

Opener	the story for the topic, what you will learn and the key words
Skill pages	a short explanation, a method box and a worked example
Practice pages	questions for you to try, with space for your working
Real-life task	a bigger problem that uses all the skills in the topic
Check-up	a few questions to show what you can do, and a checklist

LOOK OUT FOR

Method	the steps to follow
Worked example	a question that has been answered for you, step by step
Top tip / Watch out	helpful hints and common mistakes
Talk about it	questions to discuss with a partner or your teacher

SHOW YOUR WORKING

Write down your working in the boxes, not just the answer. It helps you check your answer, and your teacher can see how you got there.

CALCULATORS

Try to work things out in your head or on paper first. You can use a calculator when the page says so, or when your teacher says it is OK.

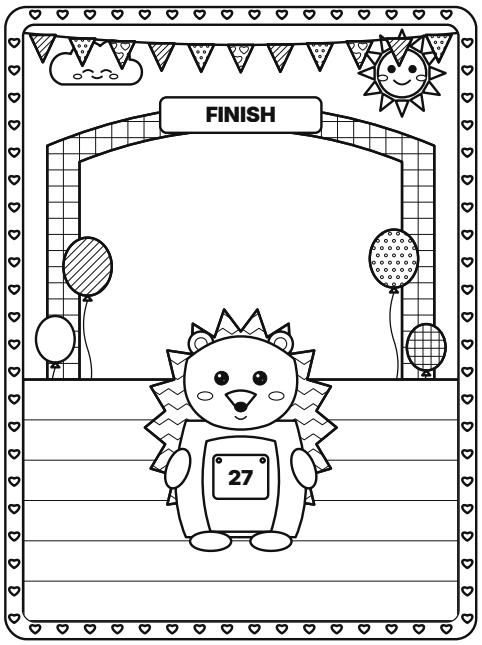
ANSWERS

The answers are at the back of the book. Use them to check your work after you have tried the questions yourself.

Numbers around us

Numbers are everywhere. In this topic you will read, write and order numbers up to 100.

Theme: the Glen Arrin fun run. Glen Arrin is holding a fun run by the loch. Help Isla count the runners and read the numbers she sees.



IN THIS TOPIC YOU WILL LEARN TO

Skill 1	read and write numbers to 100 in figures and words
Skill 2	count and put numbers in order
Skill 3	use numbers in real life, on signs, prices and buses

KEY WORDS

Number	tells us how many
Figures	a number written like 24
Words	a number written like twenty-four
Order	put things in a line, smallest first
Before / after	the number just less / just more

❶ Reading and writing numbers

We can write a number in **figures**: **24**.

We can write it in **words**: **twenty-four**.

TENS IN WORDS

10	20	30	40	50
ten	twenty	thirty	forty	fifty

60	70	80	90	100
sixty	seventy	eighty	ninety	one hundred

WORKED EXAMPLE



Isla's runner number is 36. Write it in words.

Tens 30 is **thirty**

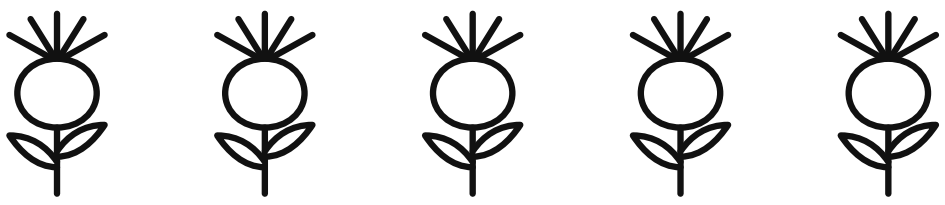
Ones 6 is **six**

Answer **thirty-six**

WATCH OUT

Thirteen (13) and thirty (30) sound alike. Listen for the end.

DOODLE CORNER



Practice: reading and writing numbers

1 Match each runner number to its word.







- **twenty-seven**
- **fifteen**
- **fifty**

2 Write these numbers in words.

a 8

Answer: .....

b 43

Answer: .....

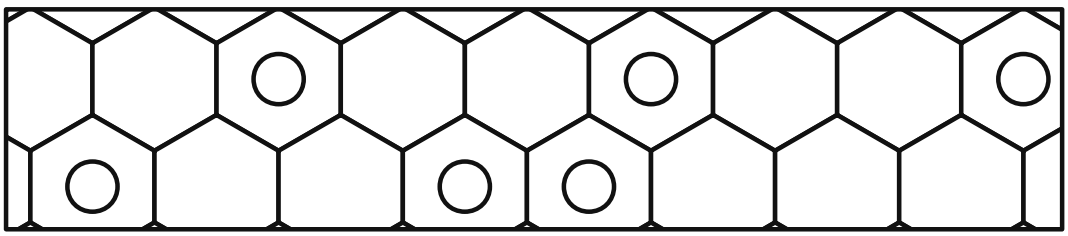
3 Write these numbers in figures.

a nineteen	b sixty-two	c ninety

4 Circle **seventy-one**.

17 **70** **71** **61**

DOODLE CORNER



2 Counting and ordering

Numbers go up by one each time.



The number **before** 14 is **13**. The number **after** 14 is **15**.

METHOD: PUT NUMBERS IN ORDER

Step 1	Look at the tens first.
Step 2	Same tens? Look at the ones.

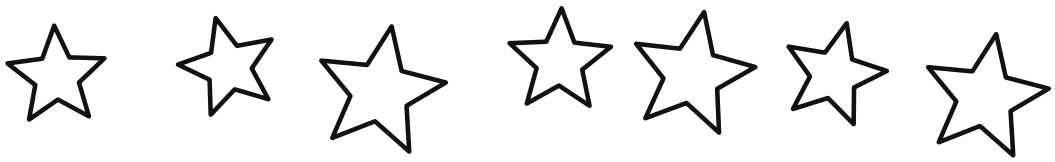
WORKED EXAMPLE

Put these runner numbers in order, smallest first.



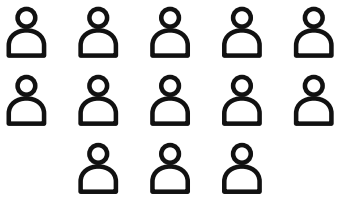
Tens	8 has no tens. 25 has 2 tens. 52 has 5 tens.
Answer	**8, 25, 52**

DOODLE CORNER



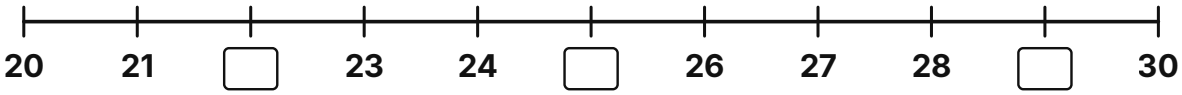
Practice: counting and ordering

1 How many runners are there?



runners ☐

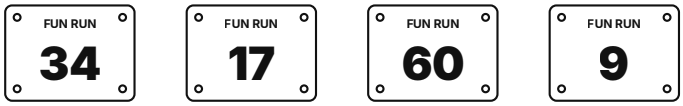
2 Fill in the missing numbers.



3 Fill in the number before and the number after.

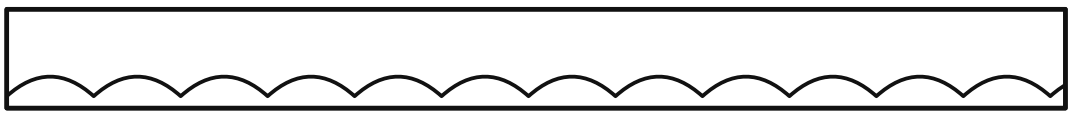
Before	Number	After
	9	
	30	
	47	

4 Put these runner numbers in order, smallest first.



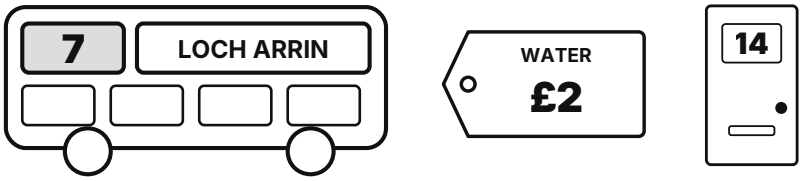
Answer: .....

DOODLE CORNER



3 Numbers in real life

Numbers tell us things. Look out for them.



Bus number 7 · water costs £2 · house number 14

SIGNS IN MATHS

+	means **add** or **plus**
=	means **is the same as**

WORKED EXAMPLE



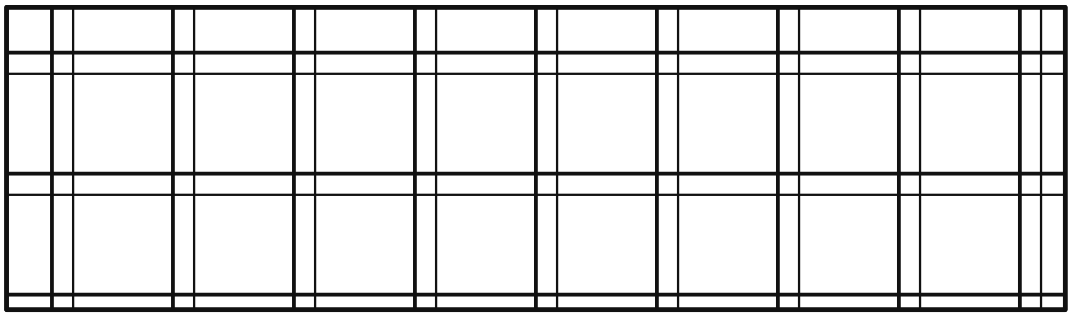
Read it 3 medals **add** 2 medals **is the same as** 5 medals

Write it **3 + 2 = 5**

TOP TIP

Read the sum out loud. It helps you check it.

DOODLE CORNER



FREE SAMPLE

Number, Shape and Data (N2 Lifeskills Maths)

This sample shows a few pages. The full printed workbook is available from Amazon.

blewislearning.co.uk

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