

Sample Pages from



Created *by* Teachers *for* Teachers and Students

Thanks for checking us out. Please call us at **800-858-7339** with questions or feedback or to order this product. You can also order this product online at **www.tcmpub.com**.

For correlations to state standards, please visit
www.tcmpub.com/administrators/correlations

Focused Mathematics Booster Pack—Level K (Spanish)

This sample includes the following:

- Management Guide Cover** (1 page)
- Table of Contents** (1 page)
- How to Use This Product** (4 pages)
- About the Books and Activities** (2 pages)
- Booster Card Workspace A-C** (3 pages)
- My Mathematician Checklist** (1 page)
- Mathematician Rubric** (1 page)
- Answer Key** (1 page)
- Booster Card** (3 pages)
- Reader** (17 pages)

To Create a World ⁱⁿ which
Children Love to Learn!

800-858-7339 • www.tcmpub.com

Level K

ocused
Mathematics

Booster Pack

Management Guide

Table of Contents

Series Welcome	4
-----------------------------	---

Research

Mathematics Instruction	5
The Importance of Strong Mathematical Content	6
Differentiating for All Learners	9

How to Use This Product

Kit Components	10
Pacing and Instructional Setting Options	11
Strategies for Differentiating Booster Card Activities	12
Assessing Activities	13

About the Books and Activities

Introduction to Standards Correlations	14
Standards Correlations	15
Book Summaries	18
Reading Levels	19

Resources

Booster Cards	20
Booster Card Workspaces A–C	26
Ten Frames	29
Hundreds Chart	30
Number Lines	31
My Mathematician Checklist	32
Mathematician Rubric	33

Appendix

Answer Key	34
References Cited	37
Digital and Audio Resources	39

Kit Components

High-Interest Books (six copies of six titles)

Books feature various, high-interest topics across content areas.



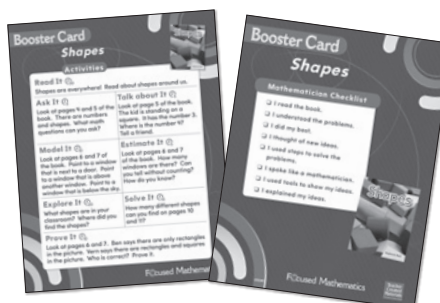
Overview Cards

Overview cards include a book summary, mathematics objective, reading levels, mathematics vocabulary, and cross-content connections.



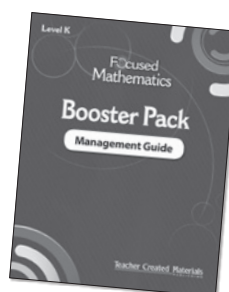
Booster Cards

Activities engage students in real-world mathematics and require students to demonstrate mathematical practices and processes.



Management Guide

The Management Guide includes a brief overview of the research, standards correlations, and instructional options and suggestions. Resources include student activity sheets, reproducible manipulatives, and rubrics.



Digital and Audio Resources

PDFs of the books, Booster Cards, Response pages, as well as professional audio recordings of the books are included. A complete list of available resources is listed on page 40.

Pacing and Instructional Setting Options

The following pacing and instructional setting options show suggestions for how to use this product. The *Focused Mathematics: Booster Pack* series is designed to be flexible and can be used in tandem with a core curriculum and a teacher’s preferred instructional framework, such as Guided Math.

Pacing

Teachers should customize pacing according to student need. Each Booster Card includes 100 minutes of activities for a total of 600 minutes. Teachers may assign specific activities to meet instructional objectives or allow students to choose activities. Students may complete one activity or several activities to match the time available and their instructional needs.

Activity	Approximate Time
Read It	30 min.
Ask It	5 min.
Talk about It	5 min.
Model It	10 min.
Estimate It	5 min.
Explore It	20 min.
Solve It	15 min.
Prove It	10 min.

Instructional Setting Options

Whole-Class Instruction

Whole-class instruction is best suited for introducing each text to students or for teaching specific strategies or content-area concepts as they apply to instructional standards and objectives. In this setting, every student engages with the same text at the same time. PDFs of the books are available in the Digital and Audio Resources and are great for displaying to the whole class for a shared-literacy experience.

Small-Group Instruction

Instructional frameworks, such as Guided Math, support teachers who want to work with a specific group of students on a targeted comprehension or content skill. During small-group instruction, the teacher works with a select group of students with similar instructional needs. Students may sit with the teacher, either at a table or on the carpet. This setting promotes a sense of teamwork and collaboration and encourages participation in mathematical discussions. Working with students in small groups is also a great opportunity for teachers to informally assess student progress and make anecdotal notes.

Workstations or Centers

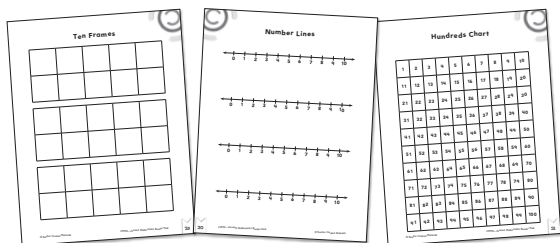
Students may engage independently or with partners at workstations or centers to build fluency, comprehension, and vocabulary, while applying math concepts and process skills. When working within this instructional setting, it is important that procedures and expectations are clear and students are able to complete the activities with little to no teacher guidance so that teachers can spend time with small groups.

Strategies for Differentiating Booster Card Activities

Below-Level Learners

You may choose to support below-level learners with some or all of these suggestions:

- **Manipulatives:** Provide below-level learners with concrete or representational manipulatives to help them explore the mathematics concepts. PDFs of reproducible ten frames, number lines, and hundreds charts (pages 29–31) are available in the Digital and Audio Resources section.



- **Total physical response:** Challenge students to create hand motions to represent new math vocabulary.

Above-Level Learners

You may choose to support above-level learners with some or all of these suggestions:

- **New Booster Cards:** Have students create Booster Cards for books in your classroom library.
- **Photo Collage:** Challenge students to take real-world math photos that match the topics learned about in the *Focused Mathematics: Booster Pack*.

English Language Learners

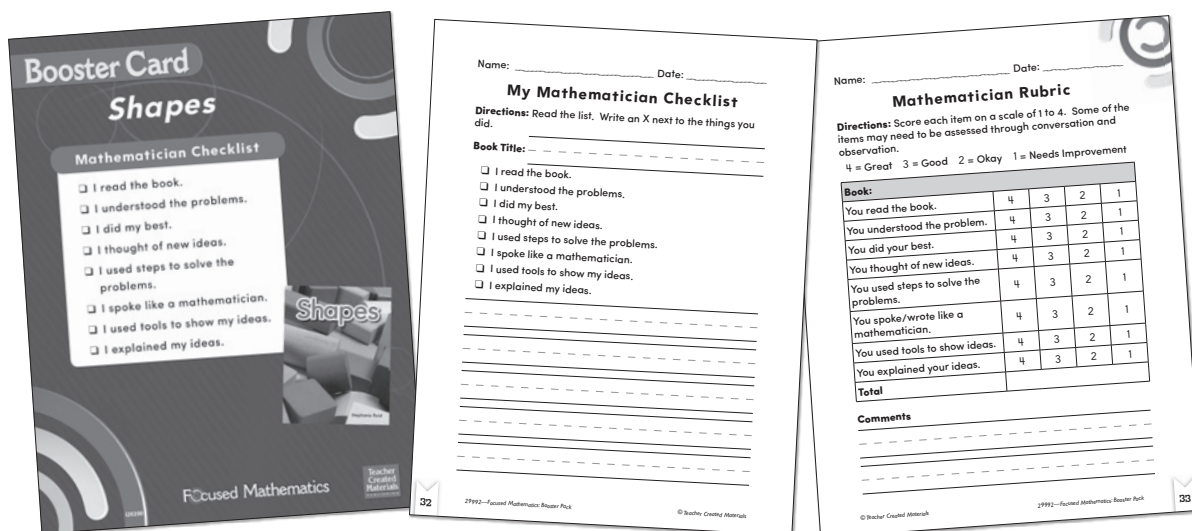
You may choose to support English language learners with some or all of these suggestions:

- **Professional Audio Recordings:** Model fluent reading by having English language learners listen to the professional audio recordings of the books that are available in the Digital and Audio Resources section.
- **Sentence Frames:** Support language development and acquisition with sentence frames, such as the following:
This shape is a _____. *It is above/ below/ beside _____.*

Assessing Activities

Each *Focused Mathematics: Booster Pack* offers multiple assessment opportunities. Teachers can gain insight into student learning through small-group observations and analysis of student responses to the Booster Card activities. These formal and informal assessments provide teachers with additional data to help make informed decisions about what to teach and how to teach it. An answer key is provided (pages 34–37) to help evaluate student responses.

The Mathematician Checklist on the back of the Booster Cards provides an opportunity for students to reflect on their work. Distribute copies of the *My Mathematician Checklist* activity sheet (page 32) to students to guide self-reflection. Use the *Mathematician Rubric* (page 33) to assess students' mathematical practices and processes. These rubrics may be used in conjunction with each other to guide conversation during teacher-student conferences.



▲ Use the Mathematician Checklist on each Booster Card as a quick reference while completing activities.

▲ Distribute copies of the *My Mathematician Checklist* (page 32) to students as a way to encourage self-reflection and mathematical practices and processes.

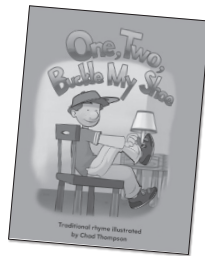
▲ Complete the *Mathematician Rubric* (page 33) to give students feedback.

Book Summaries

Below are summaries of each book for teacher reference. This way, teachers can decide which books match the content that they would like to cover with their students. Also, teachers can use these summaries as a way to begin a group discussion with students about the books.

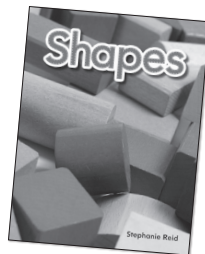
One, Two, Buckle My Shoe

A group of friends gets ready to play a fun game in this illustrated version of the traditional rhyme.



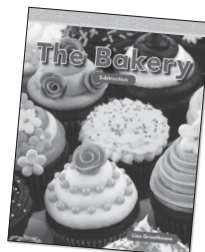
Shapes

Shapes are everywhere! Can you find all the shapes?



The Bakery

Bakeries sell lots of yummy treats. Come count at a bakery!



Fun in the Sun

Who doesn't love to have fun in the sun? There are so many things to add while playing outside!



Birds and Bugs

Birds and bugs are found in nature. Count the birds and bugs.



My Birthday Party

It is my birthday! Count with me!



Reading Levels

Teacher Created Materials takes great care to maintain the integrity of authentic informational text while leveling it to make the text accessible for all students. In this way, our content-area books provide rich informational reading experiences from which students can learn and be ready for the complexity of college and career level reading.

To preserve the authenticity of these reading experiences, it is crucial to maintain important academic and content vocabulary.

To support leveled instruction, new and challenging terms are used repeatedly and defined in text to promote understanding and retention.

The measures in this chart are for reference only. Books in the *Focused Mathematics: Booster Pack* series were chosen to include a range of grade-appropriate reading levels to support grade-level mathematics standards.

Note: Reading levels vary from program to program and do not correlate exactly.

Title of the Book	Lexile® Level	Guided Reading
<i>One, Two, Buckle My Shoe</i>	AD180L	F
<i>Shapes</i>	Wordless Book	Wordless Book
<i>The Bakery</i>	200L	D
<i>Fun in the Sun</i>	360L	F
<i>Birds and Bugs</i>	n/a*	A
<i>My Birthday Party</i>	n/a*	A

* As per Lexile® guidelines, posters, poetry, songs, and other nonprose texts do not have Lexile® measures.

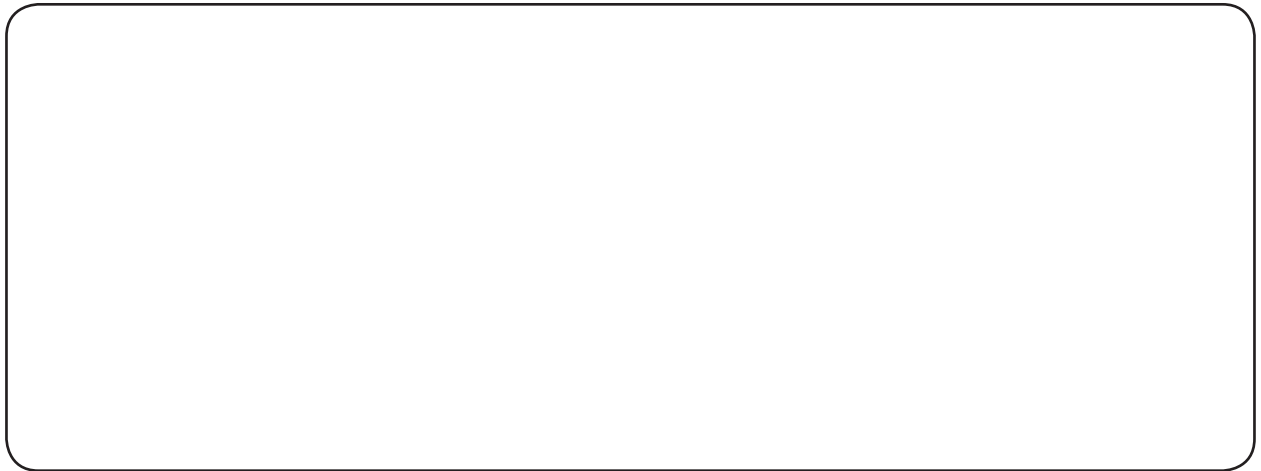
Nombre: _____ Fecha: _____

Espacio de trabajo A de la tarjeta de refuerzo

Instrucciones: Dibuja tus respuestas en el recuadro.
Escribe tus respuestas en los renglones. Encierra la actividad que hiciste.

Título del libro: _____

Pregúntalo · Háblalo · Representalo · Estímalo
Explóralo · Resuélvelo · Compruébalo



Pregúntalo · Háblalo · Representalo · Estímalo
Explóralo · Resuélvelo · Compruébalo

Nombre: _____ Fecha: _____

Espacio de trabajo B de la tarjeta de refuerzo

Instrucciones: Escribe tus respuestas en los renglones.
Encierra la actividad que hiciste.

Título del libro: _____

**Pregúntalo · Háblalo · Representalo · Estímalo
Explóralo · Resuélvelo · Compruébalo**



Nombre: _____ Fecha: _____

Espacio de trabajo C de la tarjeta de refuerzo

Instrucciones: Dibuja tus respuestas en el recuadro.
Encierra la actividad que hiciste.

Título del libro: - - - - -

**Pregúntalo · Háblalo · Representalo · Estímalo
Explóralo · Resuélvelo · Compruébalo**

Nombre: _____ Fecha: _____

Mi lista de repaso matemático

Instrucciones: Lee la lista. Escribe una X al lado de las cosas que hiciste.

Título del libro: _____

- Leí el libro entero.
- Comprendí los problemas.
- Hice mi mejor esfuerzo.
- Pensé en ideas nuevas.
- Usé los pasos para resolver los problemas.
- Hablé como un matemático.
- Usé herramientas para mostrar mis ideas.
- Expliqué mis ideas.

Nombre: _____ Fecha: _____

Criterios de evaluación matemáticos

Instrucciones: Califique cada elemento en una escala de 1 a 4. Algunos elementos quizás necesiten evaluarse mediante conversación y observación.

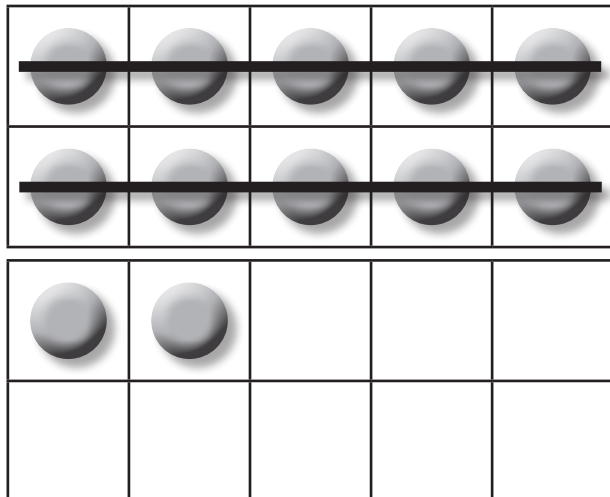
4 = Genial 3 = Bien 2 = Adecuado 1 = Necesita mejorar

Libro:				
Leíste el libro entero.	4	3	2	1
Comprendiste el problema.	4	3	2	1
Hiciste tu mejor esfuerzo.	4	3	2	1
Pensaste en ideas nuevas.	4	3	2	1
Usaste los pasos para resolver los problemas.	4	3	2	1
Hablaste/Escribiste como un matemático.	4	3	2	1
Usaste herramientas para mostrar tus ideas.	4	3	2	1
Explicaste tus ideas.	4	3	2	1
Total				

Comentarios

Answer Key (cont.)

Prove It



Fun in the Sun

Ask It

Responses will vary but may include, “How many children are there?”

Talk about It

Responses will vary but may include, “There are two boys and two girls. How many children are there?”

Model It

Responses will vary but may include holding up 4 fingers and then another two and count 6.

Estimate It

Estimation should be between 30–40 sea star arms.

Explore It

Answers will vary and but the sum must be 10. Possible answers could be on a ten frame, number line, or using objects.

Solve It

Answers will vary but may include number sentences with addend 0 – 5.

Prove It

Yes, Luka is correct because when adding two addends the order does not matter.

Birds and Bugs

Ask It

Responses will vary but may include, “How many dots are there?”

Talk about It

There are more dots than bugs.

Model It

Answers will vary. Possible answers could be on a ten frame, number line, or using objects.

Estimate It

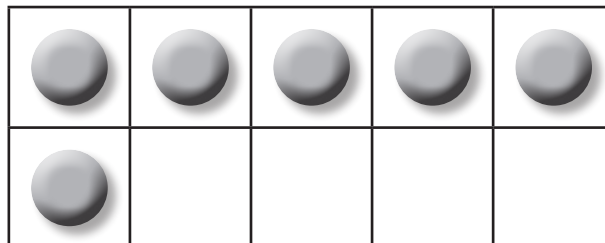
Estimations will vary. Possible estimation number should be between 10–20.

Explore It

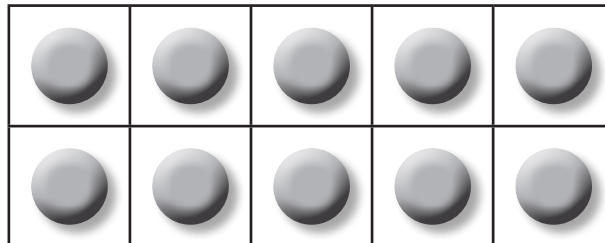
18 wings.

Solve It

4 more bees. $6 + \underline{\quad} = 10$



Prove It



My Birthday Party

Ask It

Responses will vary but may include, “How many friends are wearing stripes?”

Talk about It

Equal means the “same.”

Overview Card

Spanish

Diversión en el sol

Book Summary

Who doesn't love to have fun in the sun? There are so many things to add while playing outside!

Objective

Understand addition as "putting together" and "adding to."

Mathematics Vocabulary

add more together in all
total sum addends

Cross-Content Connections

(Engineering) Engineers build things. To build something, you have to add parts together. This is another way to think of addition! Have students invent and draw something to shield people from the sun. Have students label parts of the invention.

(Art) Making sandcastles is fun. You need to add sand and water to make the sand stick together. Have students build and sculpt sandcastles with sand and water.

Focused Mathematics



Reading Levels

Lexile®: 360L

Guided Reading: F



100349 (i22176)

Teacher
Created
Materials
PUBLISHING

Tarjeta de refuerzo

Diversión en el sol

Actividades



Léelo ⌚_{30}

Cuenta mientras lees sobre cosas para hacer en el sol.

Pregúntalo ⌚_5

Mira la página 5 del libro. ¿Qué preguntas matemáticas puedes hacer?

Háblalo ⌚_5

Mira la página 5 del libro. ¿De cuántas maneras puedes sumar lo que ves?

Represéntalo ⌚_{10}

Lee la página 13 del libro. Muestra $2 + 4 = 6$. ¿ $4 + 2 = 6$? Usa herramientas matemáticas para mostrar tu razonamiento.

Estímalo ⌚_5

Mira la página 17 del libro. Cada estrella de mar tiene 5 puntas. ¿Cuántas puntas de estrellas de mar hay en la página? ¿Puedes saber sin contar? ¿Cómo lo sabes?

Explóralo ⌚_{20}

Mira la página 23 del libro. Hay 10 conchas de mar. ¿De cuántas maneras puedes formar 10? Usa herramientas matemáticas para mostrar tus ideas.

Resuélvelo ⌚_{15}

Haz los problemas matemáticos de las páginas 28 y 29 del libro.

Compruébalo ⌚_{10}

Luka dice $3 + 6 = 6 + 3$. ¿Tiene razón? ¿Por qué crees eso?

Tarjeta de refuerzo

Diversión en el sol

Lista de repaso matemático

- Leí el libro entero.
- Comprendí los problemas.
- Hice mi mejor esfuerzo.
- Pensé en ideas nuevas.
- Usé los pasos para resolver los problemas.
- Hablé como un matemático.
- Usé herramientas para mostrar mis ideas.
- Expliqué mis ideas.



A photograph of three children lying on a sandy beach, wearing colorful swim goggles and snorkels. The child on the left has yellow goggles, the middle child has pink goggles, and the child on the right has blue goggles. They are all smiling and looking towards the camera. In the background, there are red and blue snorkel fins. The top of the image has a yellow banner with the text '2=6H>2=6H>2=6H>2='.

Diversión en el sol

Sumas

Lisa Greathouse

Asesoras

Chandra C. Prough, M.S.Ed.
National Board Certified
Newport-Mesa
Unified School District

Jodene Smith, M.A.
ABC Unified School District

Créditos

Dona Herweck Rice, *Gerente de redacción*
Robin Erickson, *Directora de diseño y producción*
Lee Aucoin, *Directora creativa*
Conni Medina, M.A.Ed., *Directora editorial*
Rosie Orozco-Robles, *Editora asociada de educación*
Neri Garcia, *Diseñador principal*
Stephanie Reid, *Editora de fotos*
Don Tran, *Diseñador*
Rachelle Cracchiolo, M.S.Ed., *Editora comercial*

Créditos de las imágenes

cover MaszaS/Shutterstock; p.3 Shutterstock; p.4 caracterdesign/iStockphoto; p.5 goldenKB/iStockphoto; p.6 (top) Studio 1One/Shutterstock, (bottom) Arvind Balaraman/Shutterstock; p.7 Shutterstock; pp.8–9 (top) BigStockPhoto, (bottom) khz/Shutterstock; pp.10–11 (top) MaszaS/Shutterstock, (bottom) Golden Pixels LLC/Shutterstock; p.12 (top) Beata Becla/Shutterstock, (bottom) fotohunter/Shutterstock; p.13 Shutterstock; p.14 (top) Elena Elisseeva/Shutterstock, (bottom) Alex Bramwell/iStockphoto; p.15 Shutterstock; p.16 (top) Carmen Martínez Banús/iStockphoto, (bottom) YinYang/iStockphoto; p.17 (left) Mircea BEZERGHEANU/Shutterstock, (right) karen roach/Shutterstock; p.18 (top) Dmitry Naumov/Shutterstock, (bottom) BigStockPhoto; p.19 Stephanie Reid; p.20 (top) Steve Bower/Shutterstock, (bottom) BigStockPhoto; p.21 Shutterstock; p.22 (top) Peter Booth/iStockphoto, (bottom) P72/Shutterstock; p.23 JeniFoto/Shutterstock; p.24 Stacie Stauff Smith/Shutterstock; p.26 IKO/Shutterstock; p.28 Jani Bryson/iStockphoto

Teacher Created Materials

5301 Oceanus Drive
Huntington Beach, CA 92649-1030
<http://www.tcmpub.com>

ISBN 978-1-4333-4393-3
© 2012 Teacher Created Materials, Inc.

Tabla de contenido

Diversión en el sol 4

¡Inténtalo! 24

Resuelve el problema... 28

Glosario 30

Respuestas 32



El sol ha salido.



¡Es hora de refrescarse!





1 flotador



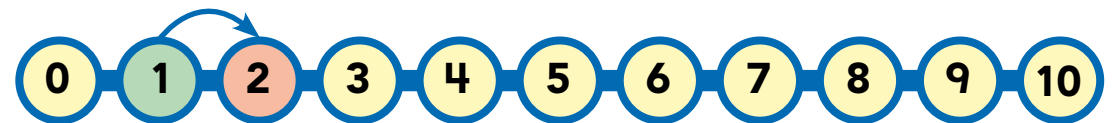
1 flotador

¡Sumar!



$$1 + 1 = 2$$

**Hay 2 flotadores
en total.**





1 tobogán



2 toboganes

¡Sumar!

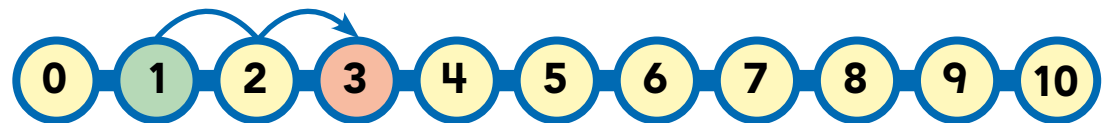


+



$$1 + 2 = 3$$

Hay 3 toboganes en total.





3 niños



2 niñas

¡Sumar!

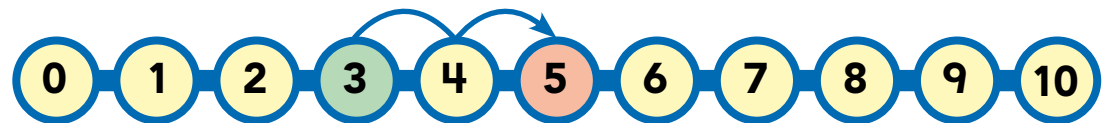


+



$$3 + 2 = 5$$

Hay 5 niños en total.





2 molinetes



4 molinetes

¡Sumar!



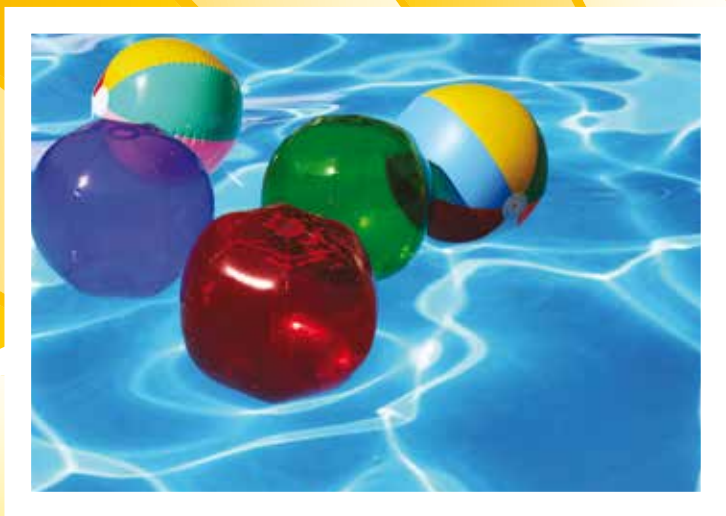
$$2 + 4 = 6$$

Hay 6 molinetes
en total.



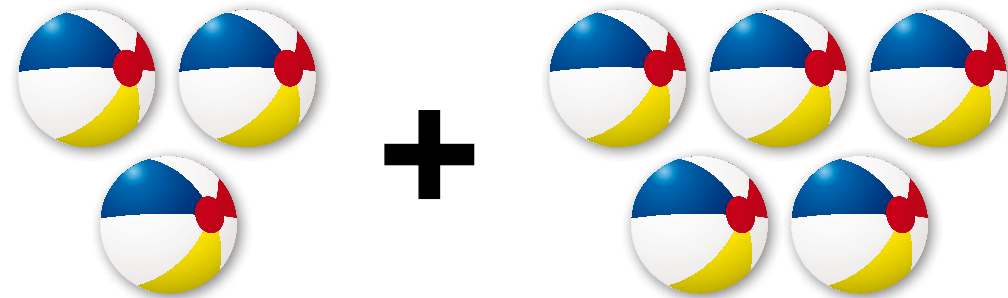


3 balones de playa



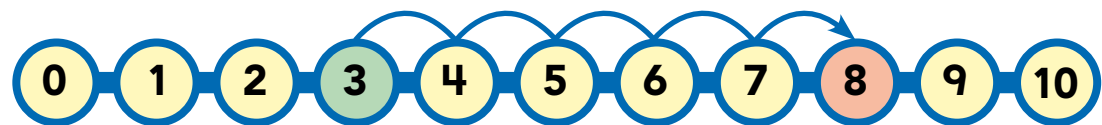
5 balones de playa

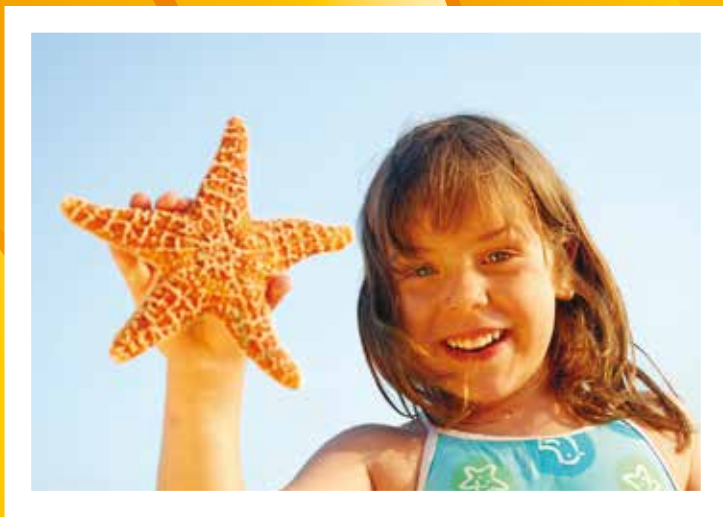
¡Sumar!



$$3 + 5 = 8$$

Hay 8 balones de playa en total.



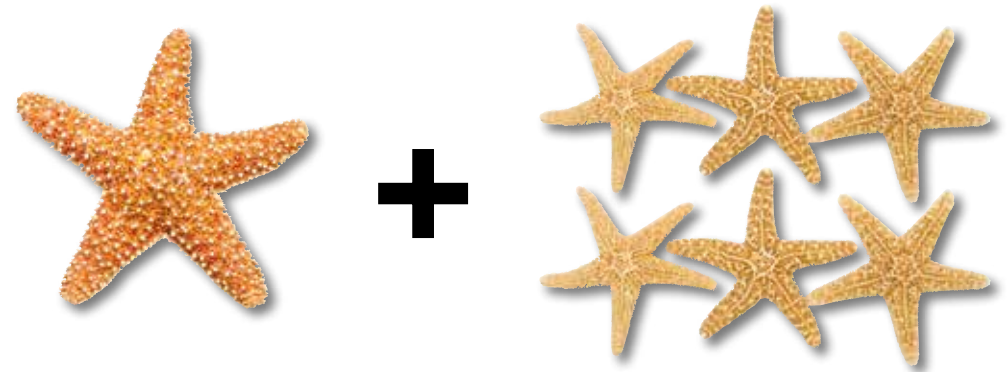


1 estrella de mar



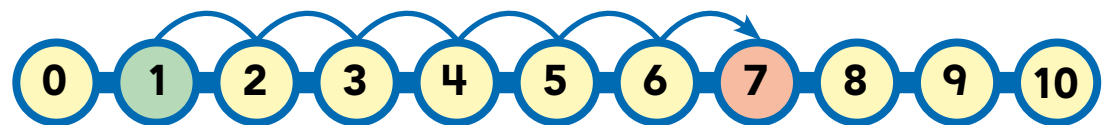
6 estrellas de mar

¡Sumar!



$$1 + 6 = 7$$

Hay 7 estrellas de mar en total.



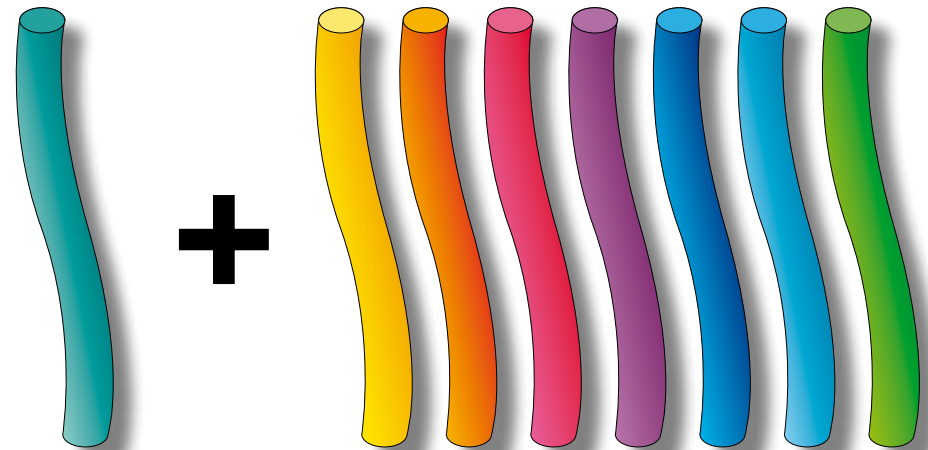


1 juguete de agua



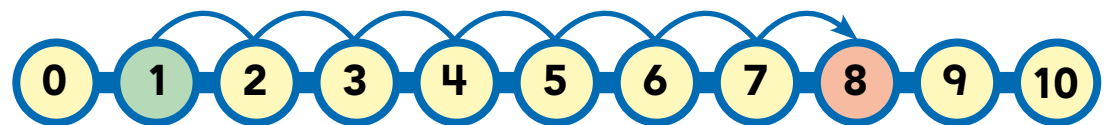
7 juguetes de agua

¡Sumar!



$$1 + 7 = 8$$

Hay 8 juguetes de agua en total.



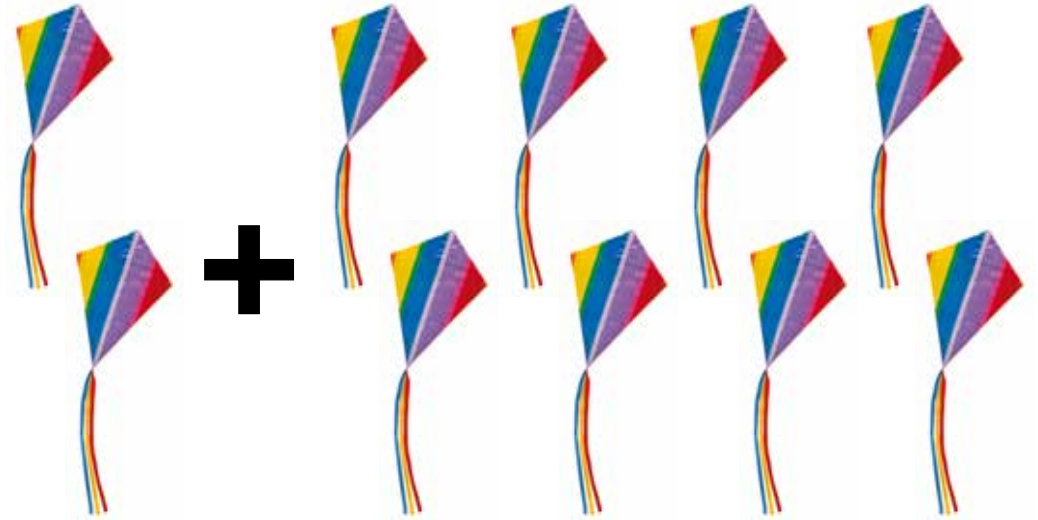


2 cometas



8 cometas

¡Sumar!



$$2 + 8 = 10$$

Hay 10 cometas en total.



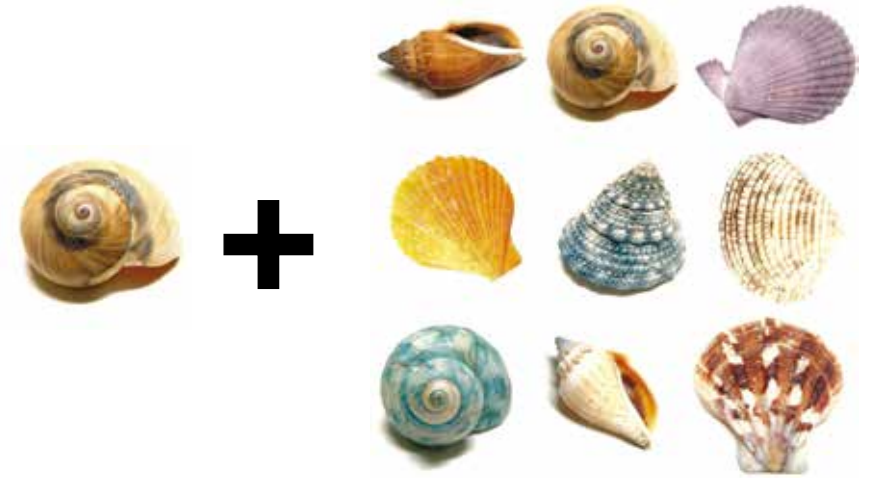


1 concha



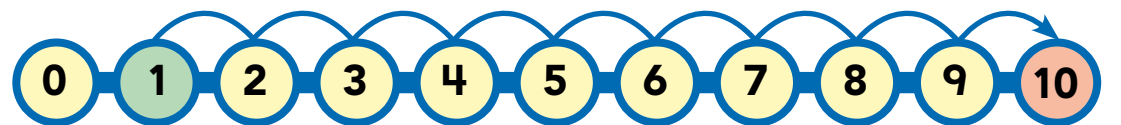
9 conchas

¡Sumar!



$$1 + 9 = 10$$

Hay 10 conchas
en total.



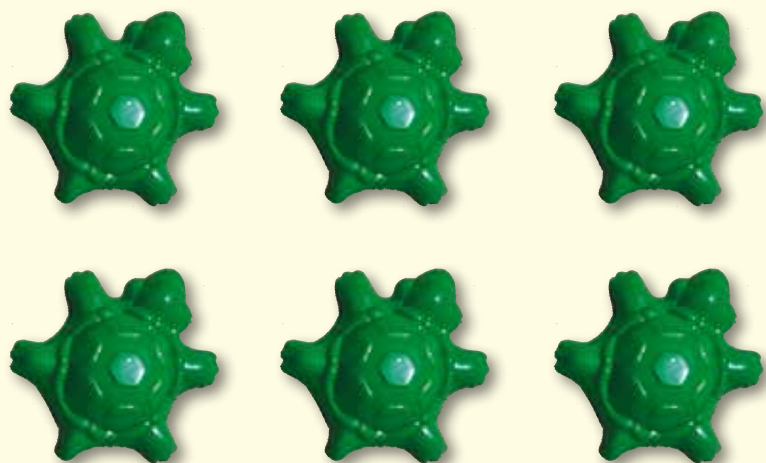
¡INTÉNTALO!

¿Cuántos juguetes hay en total?

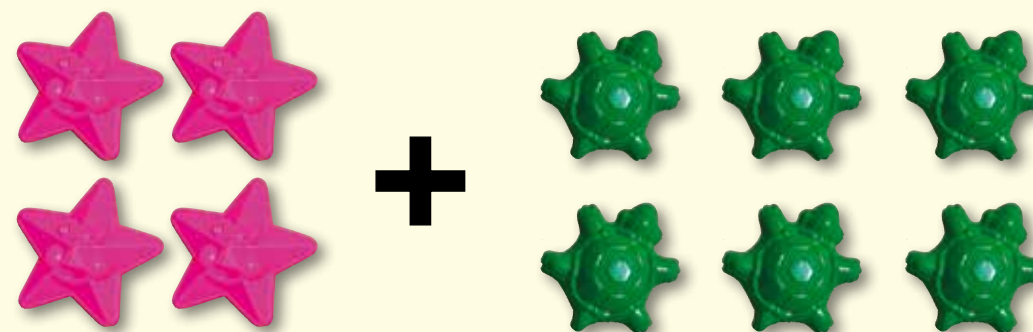
4 juguetes de playa



6 juguetes de playa



¡Sumar!



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



¡INTÉNTALO!

¿Cuántas tablas de surf hay en total?

3 tablas de surf



5 tablas de surf



¡Sumar!

$$\square + \square = \square$$



RESUELVE EL PROBLEMA

¿Cuántos saltos de tijera puedes hacer?



Materiales

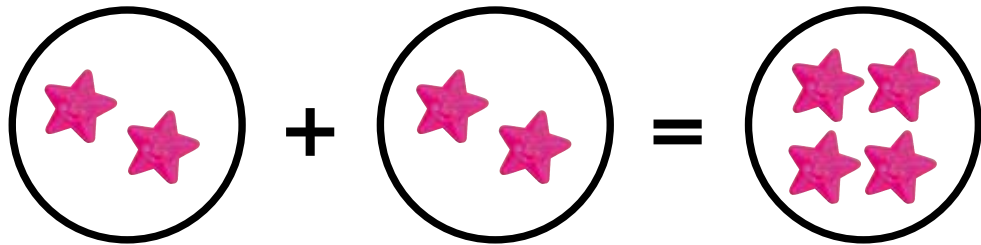
- ✓ tarjetas numeradas del 0 a 5
- ✓ lápiz
- ✓ papel

- 1** Elige una tarjeta numerada. Haz esa cantidad de saltos de tijera.
- 2** Elige otra tarjeta. Haz esa cantidad de saltos de tijera.
- 3** Sumar. Escribe una oración numérica de cuántos saltos de tijera hiciste en total.

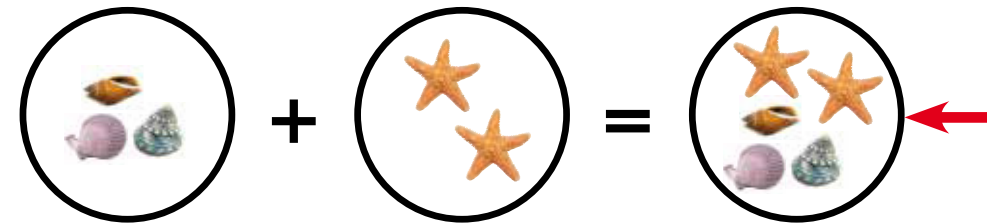


Glosario

**sumar—encontrar
cuántas cosas hay
en total**



**total—la cantidad
entera**



RESPUESTAS

¡Inténtalo!

Páginas 24–25:

$$4 + 6 = 10$$

Hay 10 juguetes de playa en total.



Páginas 26–27:

$$3 + 5 = 8$$

Hay 8 tablas de surf en total.



Resuelve el problema

Las respuestas pueden variar.