



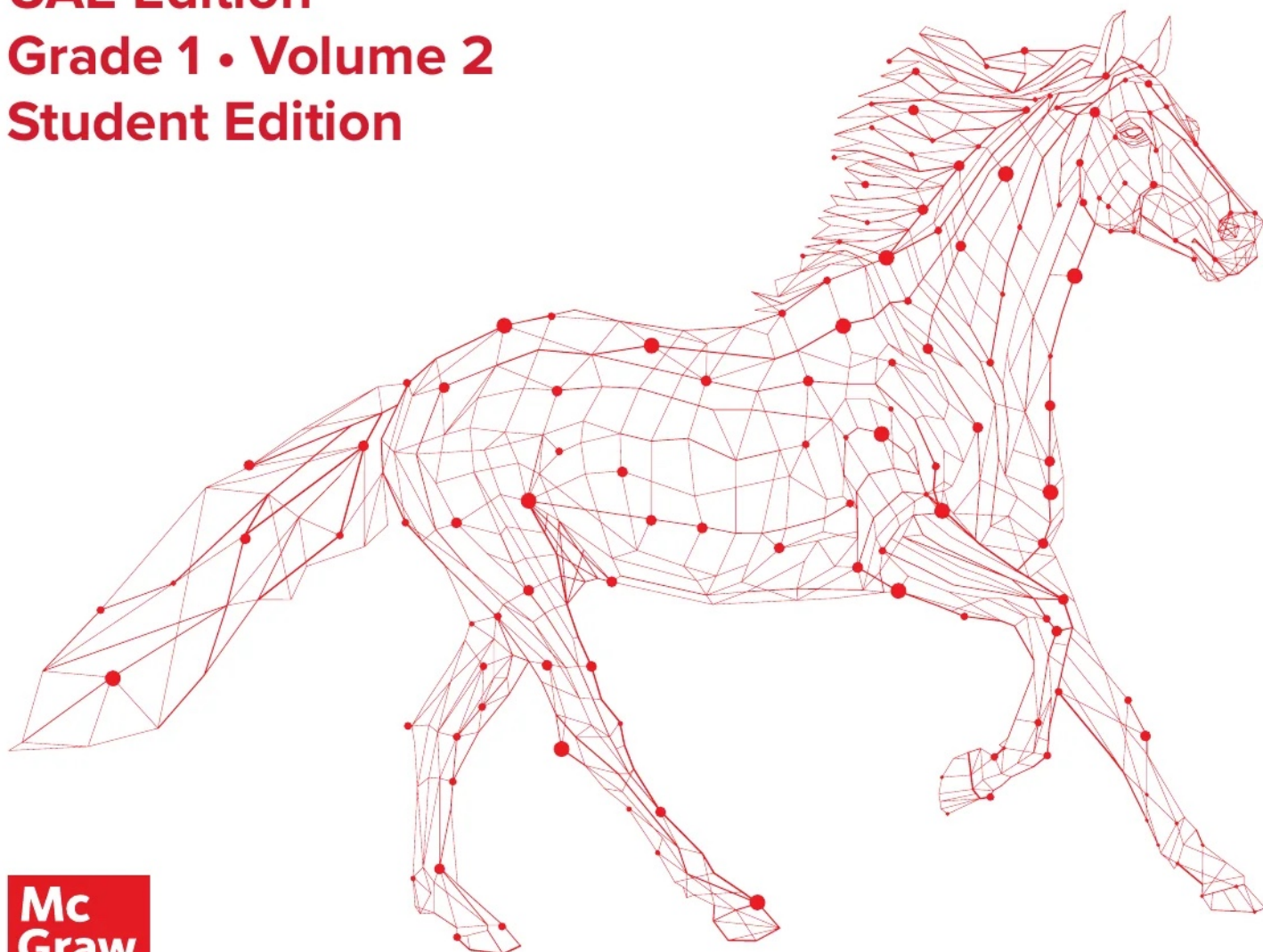
UNITED ARAB EMIRATES
MINISTRY OF EDUCATION



2025-2026

Reveal **MATH**[®]

UAE Edition
Grade 1 • Volume 2
Student Edition



**Mc
Graw
Hill**

Reveal **MATH**®

Student Edition

Grade 1 • Volume 2

**Mc
Graw
Hill**

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Contents in Brief

Volume 1

1 Math Is...	I
2 Number Patterns	3I
3 Place Value	6I
4 Addition within 20: Facts and Strategies	103
5 Subtraction within 20: Facts and Strategies	157
6 Shapes and Solids	203
Glossary	GI

Volume 2

7 Meanings of Addition	I
8 Meanings of Subtraction	35
9 Addition within 100	73
10 Compare Using Addition and Subtraction	115
11 Subtraction within 100	141
12 Measurement and Data	171
13 Equal Shares	221
Glossary	GI

Welcome to *Reveal Math*!

We are excited that you have made us part of your math journey.

Throughout this school year, you will explore new concepts and develop new skills. You will expand your math thinking and problem-solving skills. You will be encouraged to persevere as you solve problems, working both on your own and with your classmates.

With *Reveal Math*, you will experience activities to spark your curiosity and challenge your thinking. In each lesson, you will engage in sense-making activities that will make you a better problem solver. You will have different learning experiences to help you build understanding.

We look forward to revealing to you the wonder and excitement of math.

The *Reveal Math* authors

The *Reveal Math* Authorship Team

McGraw-Hill teamed up with expert mathematicians to create a program centered around you, the student, to make sure each and every one of you can find joy and understanding in the math classroom.

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Meanings of Addition

Unit Opener: STEM in Action 1

IGNITE! Perfect Triangle 2

Lessons

7-1 Represent and Solve Add To Problems 3

7-2 Represent and Solve More Add To Problems 7

7-3 Represent and Solve Put Together Problems 11

7-4 Represent and Solve More Put
Together Problems 15

Math Probe Problems and Equations I 19

7-5 Represent and Solve Addition Problems with
Three Addends 21

7-6 Solve Addition Problems 25

Unit Review 29

Fluency Practice 33

Meanings of Subtraction

Unit Opener: STEM in Action	35
IGNITE! Make Fifteen.....	36
Lessons	
8-1 Represent and Solve Take From Problems	37
8-2 Represent and Solve More Take From Problems.....	41
8-3 Represent and Solve Take Apart Problems	45
Math Probe Problems and Equations 2	49
8-4 Represent and Solve More Take Apart Problems	51
8-5 Solve Problems Involving Subtraction.....	55
8-6 Solve More Problems Involving Subtraction	59
8-7 Solve Problems Involving Addition and Subtraction	63
Unit Review	67
Fluency Practice	71

Addition within 100

Unit Opener: STEM in Action 73

IGNITE! Race to 21 74

Lessons

9-1 Use Mental Math to Find 10 More. 75

Math Probe Patterns and Addition 79

9-2 Represent Adding Tens 81

9-3 Represent Adding Tens and Ones 85

9-4 Decompose Addends to Add 89

9-5 Use an Open Number Line to Add within 100 93

9-6 Decompose to Add on an Open Number Line. 97

9-7 Regroup to Add. 101

9-8 Add 2-Digit Numbers. 105

Unit Review 109

Fluency Practice 113

Compare Using Addition and Subtraction

Unit Opener: STEM in Action	115
IGNITE! Three Numbers in Order	116
Lessons	
10-1 Represent and Solve Compare Problems	117
10-2 Represent and Solve Compare Problems Using Addition	121
Math Probe Showing Addition and Subtraction	125
10-3 Represent and Solve More Compare Problems	127
10-4 Solve Compare Problems Using Addition and Subtraction	131
Unit Review	135
Fluency Practice	139

Subtraction within 100

Unit Opener: STEM in Action 141

IGNITE! Put It All Together 142

Lessons

II-1 Use Mental Math to Find 10 Less.....143

II-2 Represent Subtracting Tens 147

II-3 Subtract Tens 151

II-4 Use Addition to Subtract Tens 155

Math Probe Showing Problems with Tens 159

II-5 Explain Subtraction Strategies..... 161

Unit Review 165

Fluency Practice 169

Measurement and Data

Unit Opener: STEM in Action 171

IGNITE! How Long Can You Build It?.....172

Lessons

I2-1 Compare and Order Lengths 173

I2-2 More Ways to Compare Lengths 177

I2-3 Strategies to Measure Lengths 181

Math Probe How Long Is the Rope?.....185

I2-4 More Strategies to Measure Lengths 187

I2-5 Tell Time to the Hour..... 191

I2-6 Tell Time to the Half Hour.....195

I2-7 Organize Data.....199

I2-8 Represent Data..... 203

I2-9 Interpret Data..... 207

I2-10 Solve Problems Involving Data..... 211

Unit Review 215

Fluency Practice 219

Equal Shares

Unit Opener: STEM in Action 221

IGNITE! Cutting Squares in Half 222

Lessons

I3-1 Understand Equal Shares 223

I3-2 Partition Shapes into Halves 227

I3-3 Partition Shapes into Fourths.....231

Math Probe Partitioning into Fourths..... 235

I3-4 Describe the Whole 237

I3-5 Describe Halves and Fourths of Shapes..... 241

Unit Review 245

Fluency Practice 249

Let's Talk About Math!

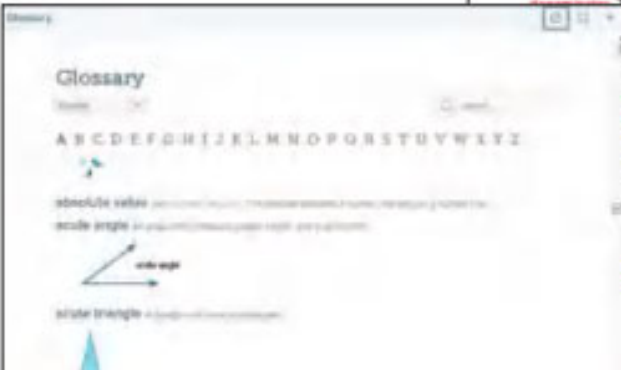
This year, you will explore the language of mathematics together as you talk about math with your classmates. You are going to learn many new words. Use these resources as you expand your vocabulary.

Glossary

In the back of this book, you will find a glossary with definitions.

Glossary/Closario

English	Spanish/Español
Aa area The number of square needed to cover the inside of a region or plane figure. 	área Número de unidades cuadradas necesarias para cubrir el interior de una región o figura plana. 
Cc compatible numbers Numbers in a problem or related numbers that are easy to work with mentally. composite shape A composite shape is made up of two or more polygons.	números compatibles Números en un problema o números relacionados que son fáciles de calcular mentalmente. figura compuesta Figura conformada por dos o más figuras.
Dd denominator The bottom number in a fraction. divide into equal groups	denominador El número inferior en una fracción. dividir Separar en grupos iguales.



Interactive Glossary

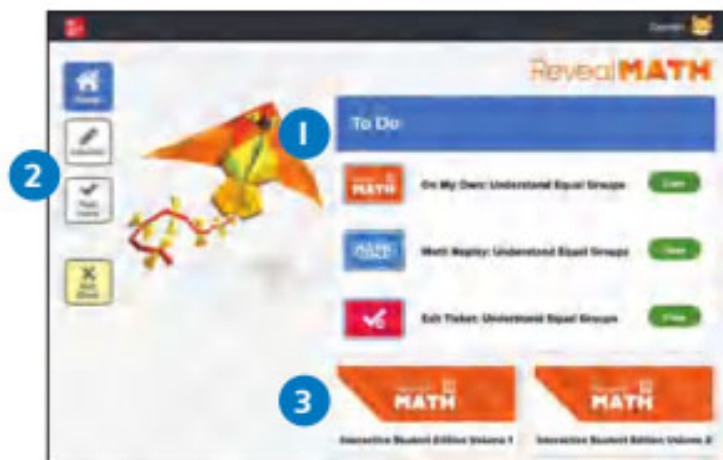
The Interactive Glossary will support you as you work in your Interactive Student Edition.

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Glossary xiii

Jump into Learning!

You can find all the resources you need from your **Student Dashboard**.



1. See your work in the To-Do List.
2. See the work you already completed.
3. Go to your Interactive Student Student Edition.

You can use your **Interactive Student Edition** for all your math work.

1. Use the slide numbers to find your page number.
2. Type or draw to work out problems.
3. Check your answers as you go.



Access Lesson Supports Online!

You can also use these to support while you practice.



Need an Instant Replay of the Lesson Content?

Each lesson has a **Math Replay** video that provides a 1–2 minute overview of the lesson concept.



Virtual Tools to Help You Problem-Solve

You can access the eToolkit at any time from your Student Dashboard. You can access these tools:

- Counters
- Base-Ten Blocks
- Array Builder
- Fraction Model
- Bucket Balance
- Geometry Sketch
- Money
- Fact Triangles
- Number Line
- and more!

Key Concepts and Learning Objectives

Key Concept Habits of Mind and Classroom Norms for Productive Math Learning

- I make sense of problems and think about numbers and quantities. (Unit 1)
- I share my thinking with my classmates. (Unit 1)
- I can use math to make sense of everyday problems. (Unit 1)
- I see patterns in math. (Unit 1)
- I describe my math story. (Unit 1)
- I work productively with my classmates. (Unit 1)

Key Concept Addition and Subtraction

- I relate counting to addition. (Unit 4)
- I relate counting to and counting back to subtraction. (Unit 5)
- I use different strategies to add and subtract within 100. (Units 4, 5, 9, 11)
- I use addition to solve problems involving adding to and putting together. (Unit 7, 8, 10)
- I explain what the equal sign means. (Unit 4)

Key Concept Number Sense and Place Value

- I read and write numbers from 0 to 120. (Unit 2)
- I use place value to represent 2-digit numbers. (Unit 3)
- I explain that 10 ones equal 1 ten. (Unit 3)
- I compare two 2-digit numbers by comparing the number of tens and the number of ones. (Unit 3)

Key Concept Measurement and Data

- I order three objects from shortest to longest. (Unit 12)
- I compare the lengths of two objects. (Unit 12)
- I measure the length of objects. (Unit 12)
- I tell time to the nearest hour and half hour. (Unit 12)
- I organize and interpret data into three categories. (Unit 12)

Key Concept Attributes of Shapes

- I can describe attributes that define shapes. Some defining attributes are the number of sides and the number of angles. (Unit 6)
- I can describe attributes that do not define shapes. Some non-defining attributes are color, size, and orientation. (Unit 6)
- I can compose two-dimensional and three-dimensional shapes to create composite shapes. (Unit 6)
- I can partition circles and rectangles into 2 and 4 equal parts. (Unit 13)
- I can describe the 2 and 4 equal parts of a circle or rectangle. (Unit 13)

Math is...

How would you complete this sentence?

Math is.....

Math is not just adding and subtracting.

Math is...

- working together
- finding patterns
- sharing ideas
- listening thoughtfully to our classmates
- sticking with a task even when it is a little challenging

In *Reveal Math*, you will develop the habits of mind that strong doers of math have. You will see that math is all around us.



Let's be Doers of Mathematics

Remember, math is more than getting the right answer. It is a tool for understanding the world around you. It is a language to communicate and collaborate. Be mindful of these prompts throughout the year to access the power of math.

1. **Math is...** **Mine**

- Mindset

2. **Math is...** **Exploring and Thinking**

- Planning
- Connections
- Thinking

3. **Math is...** **My World**

- In My World
- Modeling
- Choosing Tools

4. **Math is...** **Explaining and Sharing**

- Explaining
- Sharing
- Precision

5. **Math is...** **Finding Patterns**

- Patterns
- Generalizations

6. **Math is...** **Ours**

- Mindset

Lesson 3-1
Understand Equal Groups

Be Curious
What do you notice?
What do you wonder?



Math is... Mindset
What can you do to be an active listener?

Math is... Mindset
What can you do to be an active listener?

Explore the Exciting World of STEM!

Ever wonder how math applies in the real world? In every unit, you will learn about a STEM career, from protecting our parks to exploring outer space. You will learn about the STEM career through digital simulations and projects.



STEM Career Kid: Meet Sienna

Let the STEM Career Kid introduce their career and talk about the different responsibilities.



Math In Action: Nutritionist

Watch the Math in Action to see how the math you are learning applies to the real world.

Hi, I'm Sienna.

I want to be a nutritionist to help people eat to feel great!



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Shapes and Solids

Focus Question

What are shapes and solids?

Hi, I'm Riley.

I love cars! I want to be an automotive engineer. A car has lots of parts. The parts can be different shapes. What shapes can you see?



STEM
video

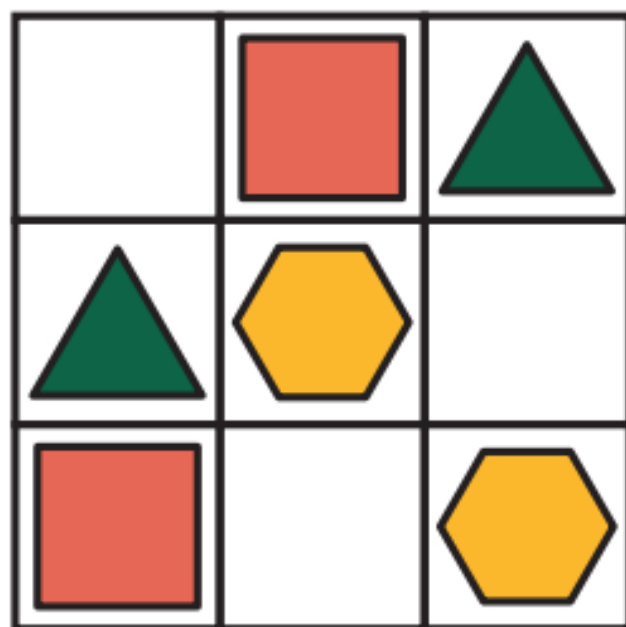
GO
ONLINE

Name _____

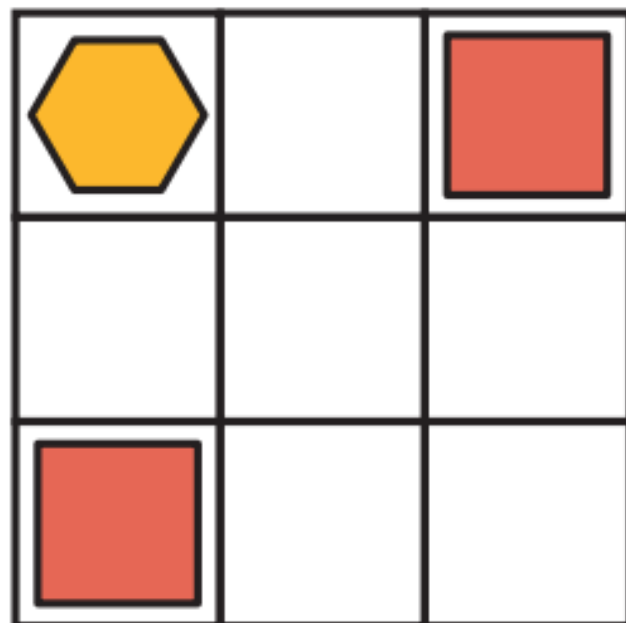
Shape Sudoku

Use pattern blocks to complete the puzzles.

Puzzle 1



Puzzle 2

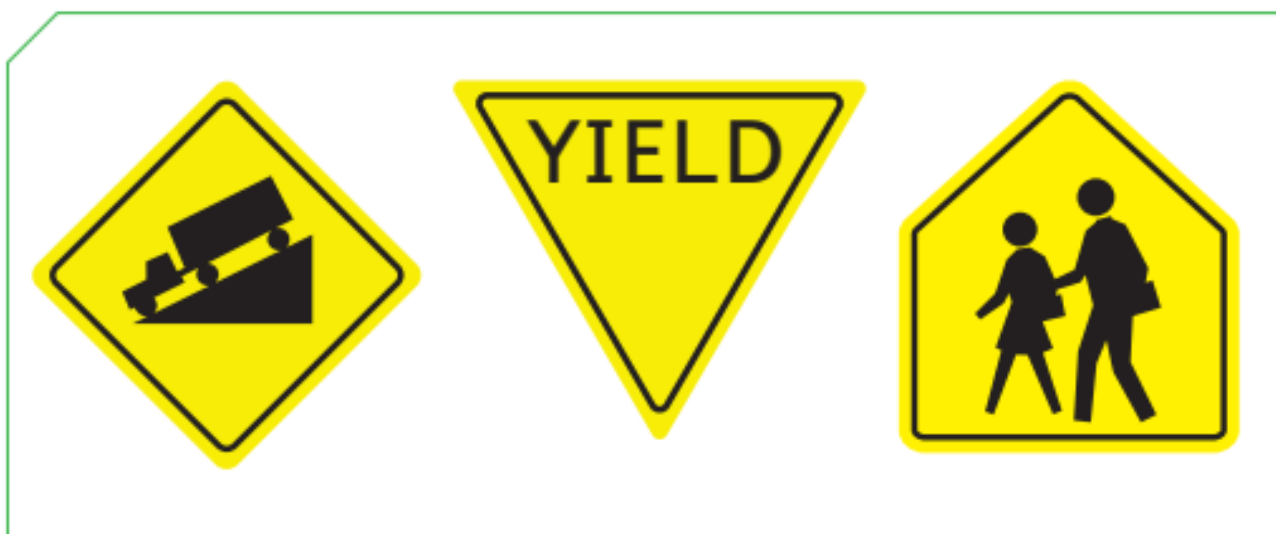


Understand Defining Attributes of Shapes



Be Curious

How are they the same?
How are they different?



Math is... Mindset

How can you act with your classmates to build a safe classroom culture?

Learn

How can you describe these shapes?



Some are big and some are small.
They are different colors.



They are all
closed figures.



No openings or gaps

They all have 4 straight **sides**.
They all have 4 **vertices**.



4 straight sides



4 vertices

Vertices and straight sides are
defining attributes of some
2-dimensional shapes.

Math is... **Patterns**

What patterns do
you see?

Work Together

What shape is this? Explain how you know.



On My Own

Name _____

Which shapes match the description?

Circle all the correct answers.

1. closed shape



2. shape with 4 vertices



3. rectangle



4. square



5. Which statement is true for a square? Choose all the correct answers.

- A. It has 4 vertices.
- B. It has more sides than vertices.
- C. All its sides are the same length.

6. Which statement is always true for a rectangle?
Choose all the correct answers.

- A. It is a closed 2-dimensional shape.
- B. It has 4 vertices.
- C. All of its sides are the same length.

7. **STEM Connection** Erik is playing a video game about shapes. He has to find all the rectangles. Circle the rectangles.



8. **Extend Your Thinking** Carol says this shape is not a rectangle because the sides are all the same length. Do you agree with Carol?



Reflect

What attributes are always the same for squares and rectangles?

Math is... Mindset

How have you and your classmates built a safe classroom culture?

Understand Non-Defining Attributes



Be Curious

Which doesn't belong?



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Math is... **Mindset**

What do you do well in
math? In reading?

Learn

Angie says these shapes are all the same.

Do you agree?



Math is... **Patterns**

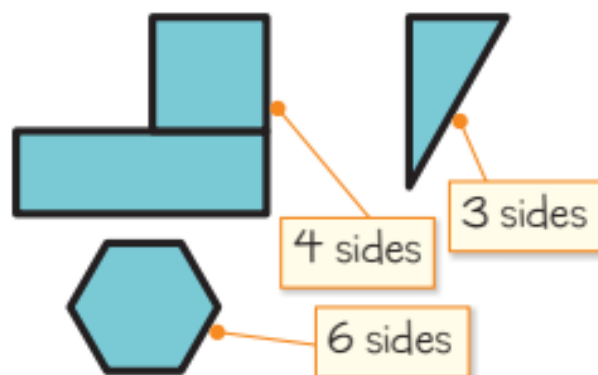
How are the shapes alike and different?

All the shapes are blue.

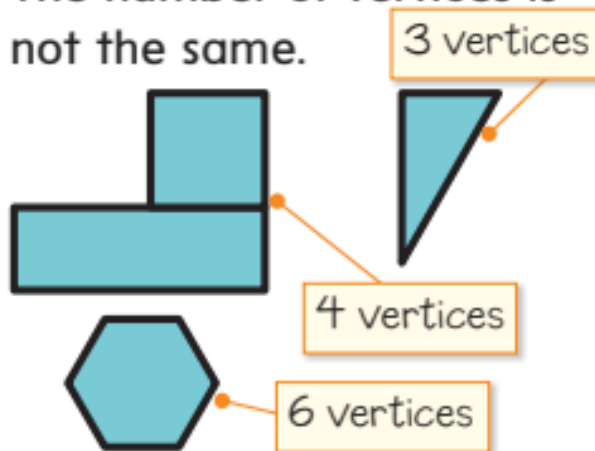
All the shapes are about the same size.



The number of sides is not the same.



The number of vertices is not the same.



Color and size are not defining attributes of shapes.



Work Together

Draw a square that is a different size and color and turned in a different direction. How do you know your shape is a square?



On My Own

Name _____

Use the shape to answer the question.



1. Which are *not* defining attributes of this shape?
Choose all the correct answers.

- A. 4 straight sides
- B. 4 vertices
- C. green
- D. large

What are the defining attributes of the shape?
Draw to show the shape.

2. triangle

3. circle

4. hexagon

5. rectangle

6. **Error Analysis** Mansur says these figures are *not* the same shape. Do you agree? Tell why or why not.



7. **Extend Your Thinking** Draw two shapes that have one attribute that is different. What is the different attribute?

Reflect

Explain why changing the size, color, or direction of a shape does *not* change its name.

Math is... Mindset

How did you use your strengths in reading in math today?

2-Dimensional Shape Sort

Name _____

Cut out the cards on pages 213, 215, and 217.



Triangle or
Rectangle

Other

a.



b.



c.



d.

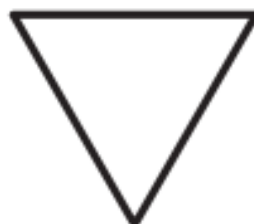




e.



f.



g.



h.



i.



j.



k.



l.





m.



n.



o.



p.



q.



Reflect On Your Learning

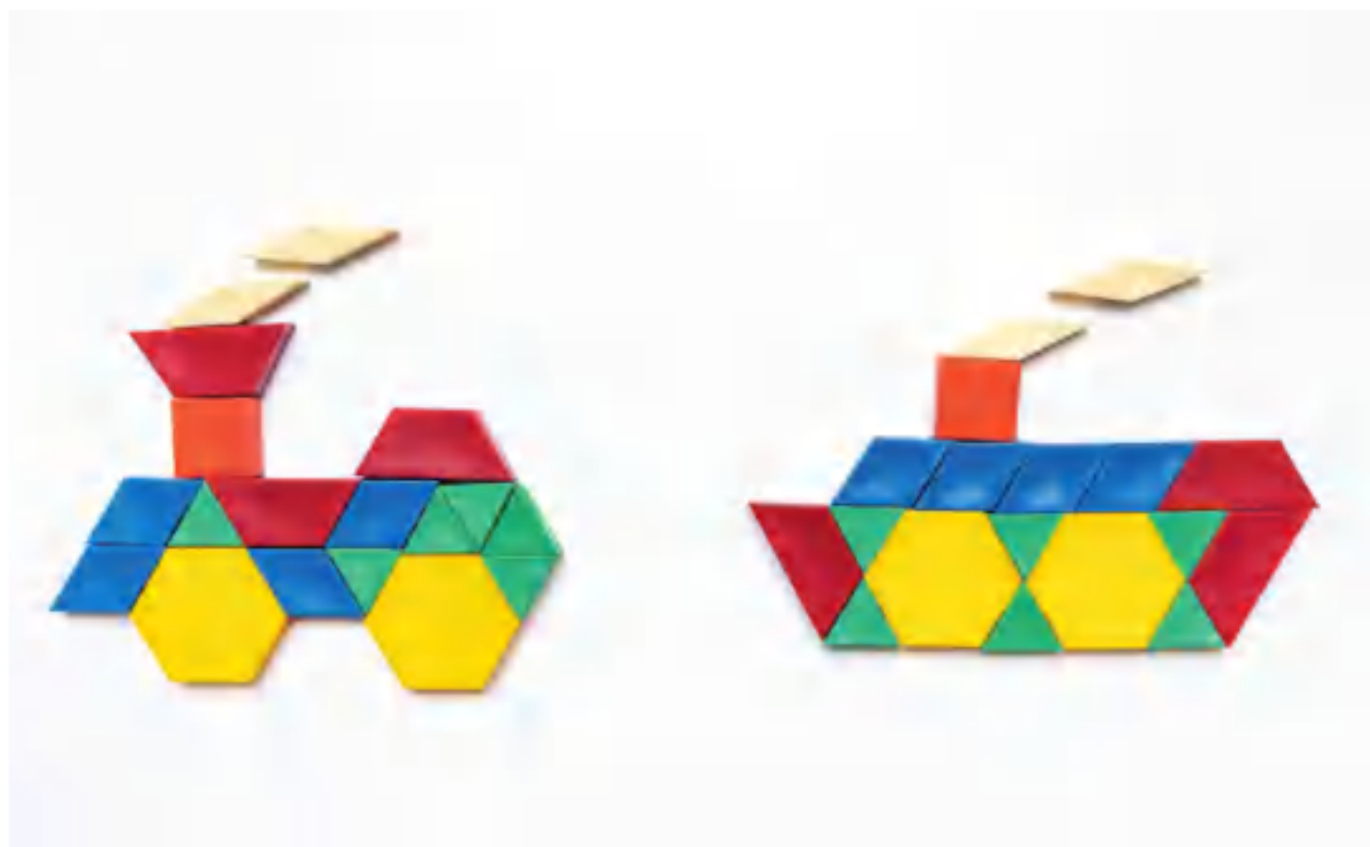


Build New Shapes



Be Curious

How are they the same?
How are they different?



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Math is... Mindset

How confident do you feel
about math?

Learn

How can you use these shapes to make a new shape?

You can use the parts of a shape to make a new shape.



You can take apart the shape.



Then use the parts to make a new shape.

The new shape looks different, but it has the same parts.

Math is... In My World

When might you want to use the parts of a shape to make a new shape?

Work Together

Make a new shape using some of these shapes. How can you use the parts of your shape to make a different shape? Draw your two shapes.



On My Own

Name _____

Can you make the pair of shapes from the same parts? Circle Yes or No.

1.



Yes



No

2.



Yes



No

How can you make a different shape using the same parts? Draw to show how.

3.



4.



5. How can you use the parts of this shape to make a hexagon? Draw to show your thinking.



6. **Extend Your Thinking** How can you take apart the house and use the parts to make the tree?



Reflect

How can you make new shapes from shapes you already have?

Math is... Mindset

Why were you confident about math today?

Understand Attributes of Solids



Be Curious

What do you notice?
What do you wonder?



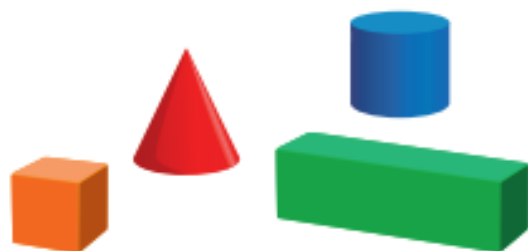
Math is... Mindset

How can you show that you value the ideas of others?

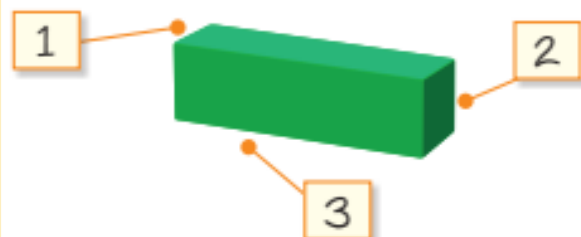
Learn

How can you describe these shapes?

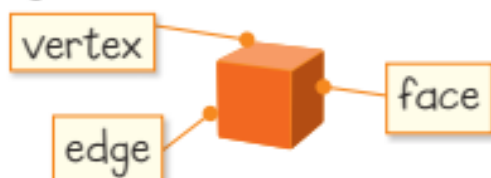
They are 3-dimensional shapes.



They have 3 dimensions.



Some have faces and edges. Some have vertices.



Some have bases.



A cone has an apex.



Math is... **Patterns**

What patterns do you see?

You can describe **3-dimensional shapes** by the defining attributes they always have.

Work Together

Are these all 3-dimensional shapes? Tell how you know.



On My Own

Name _____

Circle all the correct answers for the question.

1. Which are cubes?



2. Which are cylinders?



3. Which are cones?



4. Which are rectangular prisms?



5. **STEM Connection** Riley makes a car using blocks. Are blocks 3-dimensional shapes? Tell how you know.



6. Which 3-dimensional shape has faces?

A. cube

B. cone

C. cylinder

D. sphere

7. **Extend Your Thinking** Violet says a cone is the same as a cylinder. Do you agree? Explain.

Reflect

What defining attributes do 3-dimensional shapes have?

Math is... **Mindset**

How have you shown that you value the ideas of others?

Build New Solids



Be Curious

**What do you notice?
What do you wonder?**



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Math is... **Mindset**

What are some ways to build a positive relationship with classmates?

Learn

How can you use 3-dimensional shapes to make other 3-dimensional shapes?



You can combine cubes to make a rectangular prism.



You can make objects with 3-dimensional shapes.



You can combine 3-dimensional shapes to make new 3-dimensional shapes.

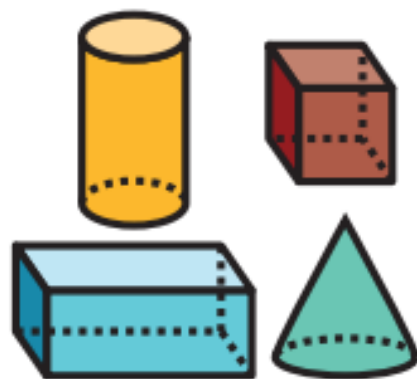
Math is... **Thinking**

What other new shapes can you make?

Work Together

Make a new shape using some of these shapes. How can you use the parts of your shape to make a different shape?

Draw or describe your two shapes.



On My Own

Name _____

Circle the shapes that make up the object.

1.

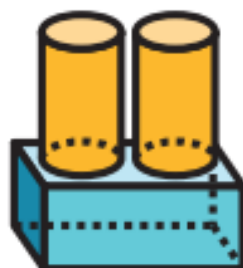


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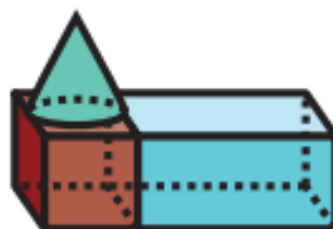


Use the parts of the object to make a new object.
Draw or describe your object.

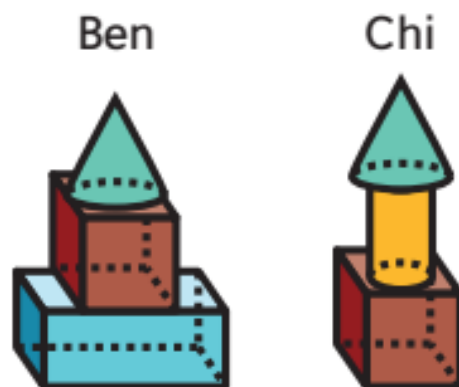
3.



4.



5. **Error Analysis** Chi wants to make a new object using Ben's shapes. Does Chi's object use the same shapes as Ben's? Explain.



6. **Extend Your Thinking** Brett has 3 cubes. He says there is only one way to make a new shape with them. Do you agree? Explain.

Reflect

How is making new 3-dimensional shapes like making new 2-dimensional shapes?

Math is... Mindset

How did you build a positive relationship with classmates today?

Unit Review

Name _____

Vocabulary Review

Use the vocabulary to complete each sentence.

2-dimensional shape

attributes

closed

defining attributes

edges

rectangular prism

sides

vertices

1. All triangles have 3 _____ and 3 _____.
2. A 3-dimensional shape has faces, vertices, and _____.
3. A _____ is flat.
4. A shape with no openings or gaps is _____.
5. A _____ has 6 faces.
6. Color, size, vertices, and sides are some _____ of shapes.
7. Only the _____ of a shape help us name it.



Review

8. Which are closed shapes? Circle all the correct answers.



9. How many vertices does the shape have?



- A. 2 B. 3 C. 4 D. 6

10. Use the shapes shown.

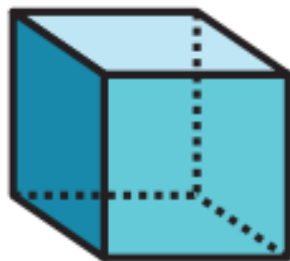


What shapes can you use to make this shape?



You can use Shape ____ and Shape ____.

11. How many edges does the shape have?



- A. 4 B. 6 C. 12 D. 18

12. Which shapes have 0 vertices? Choose all the correct answers.

A. rectangular prism

B. cube

C. cylinder

D. sphere

13. Which other shapes can you make from this one? Choose all the correct answers.



14. Can you use the parts of Shape 1 to make Shape 2? Circle Yes or No.



1



2

Yes

No

Performance Task

Automotive engineers use these shapes in car designs.



Part A: What are the names of the shapes in the group?

What is one way they are alike?

What is one way they are different?

Part B: Which shapes are the faces of those shapes?
Circle all the correct answers.



Reflect

How can you identify 2-dimensional and 3-dimensional shapes?

Fluency Practice

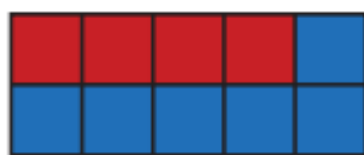
Name _____

Fluency Strategy

You can use a ten-frame to help add to 10.



$$7 + 3 = 10$$



$$4 + 6 = 10$$

1. How can you color the ten-frame to add $5 + 5$?
Show your work.

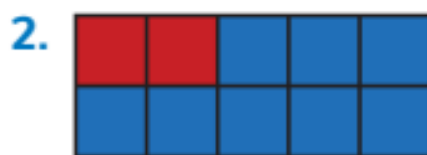


What is the sum? Write the number.

$$5 + 5 = \underline{\quad}$$

Fluency Flash

How can you use the ten-frame to add?
Write the sum.



$$2 + 8 = \underline{\quad}$$



$$9 + 1 = \underline{\quad}$$

Fluency Check

What is the sum or difference? Write the number.

4. $3 + 7 =$ _____

9. $7 - 1 =$ _____

5. $8 - 6 =$ _____

10. $9 - 8 =$ _____

6. $6 + 4 =$ _____

11. $2 + 8 =$ _____

7. $5 - 4 =$ _____

12. $6 - 1 =$ _____

8. $1 + 9 =$ _____

13. $7 - 2 =$ _____

Fluency Talk

How can you show that $5 + 4$ does not equal 10?
Explain your work.

How can you count up to subtract $9 - 7$? Show and
explain your work.

Meanings of Addition

Focus Question

How can I solve addition problems?

Hi, I'm Chloe.

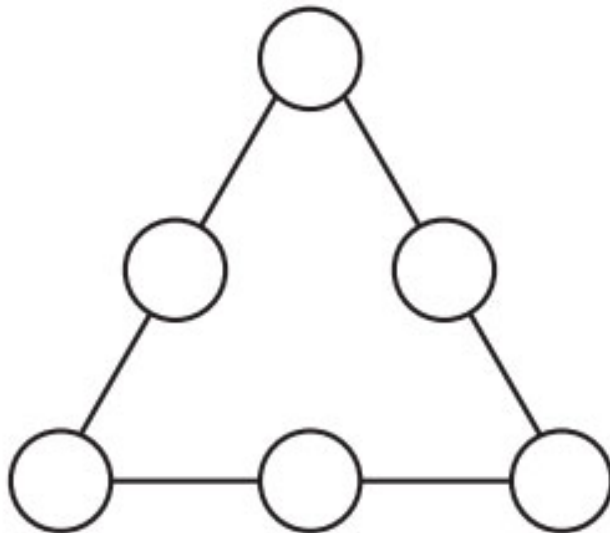
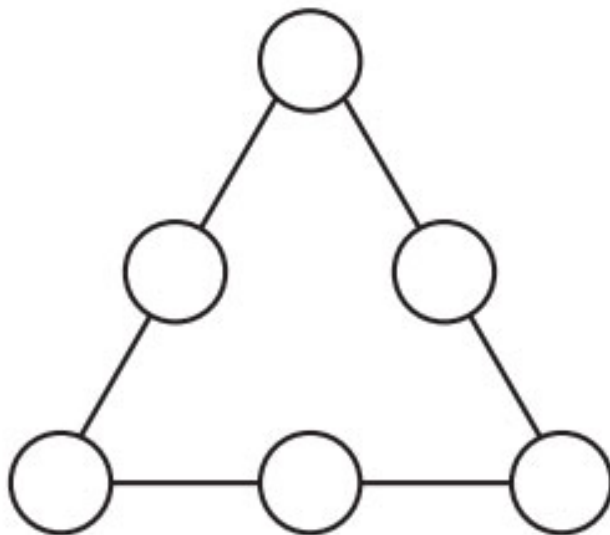
I want to be a carpenter. Today I am making a treehouse. One board is 3 feet long. Another is 4 feet long. How long will they be if I put them together? I can add to find out!



Name _____

Perfect Triangle

Use each number 1–6 exactly once so that the sum of the numbers along each side of the triangle is the same.

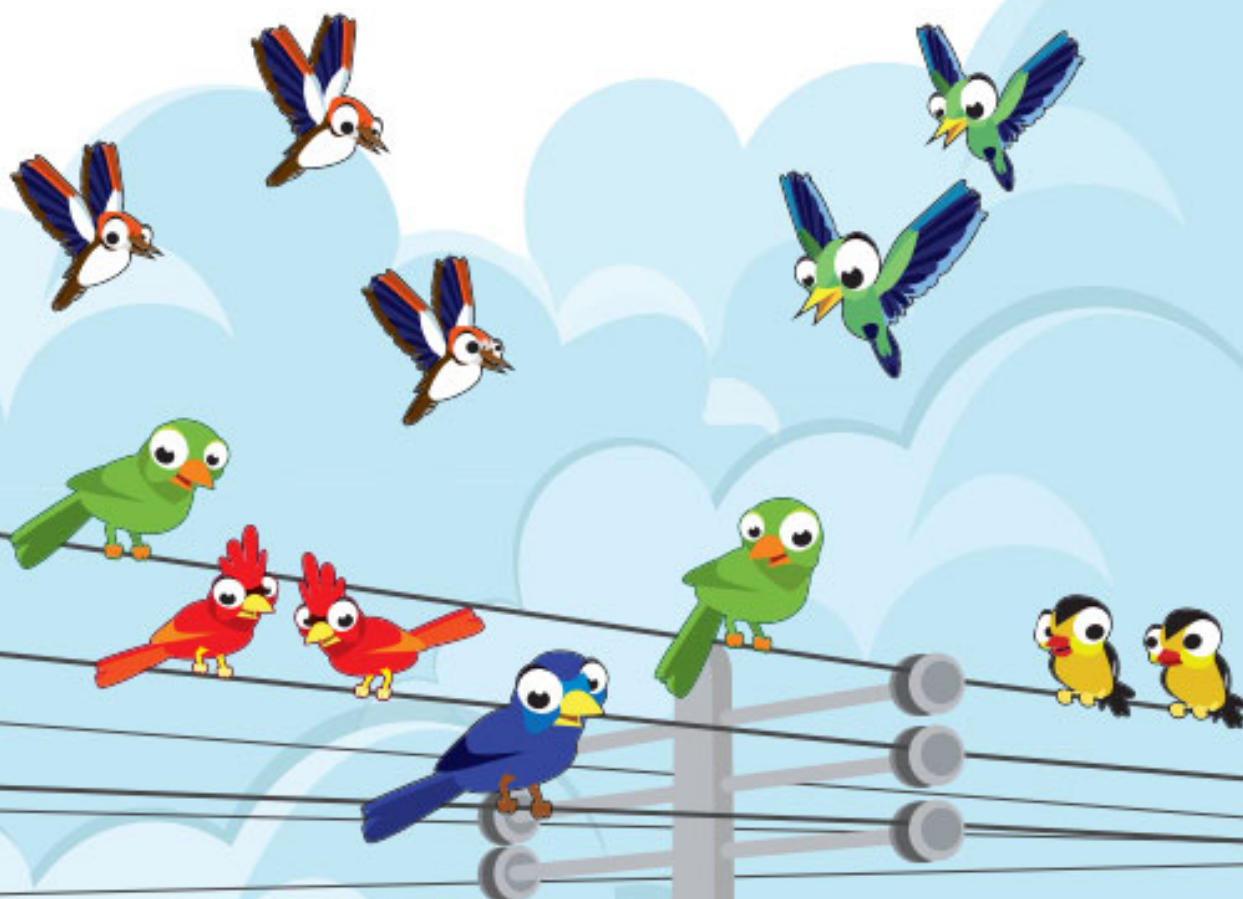


Represent and Solve Add To Problems



Be Curious

What question could you ask?



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Math is... Mindset

What helps you be
ready to learn?

Learn

9 birds are on a fence.
8 more birds land on
the fence.

How many birds are
on the fence?



You can use cubes to show the birds.

9 cubes



8 more cubes



An **equation** shows the problem.

$$9 + 8 = ?$$

Add the cubes.



$$9 + 8 = 17$$

17 birds are on the fence.

Math is... **Modeling**

How do cubes show
the birds?

You can add to find how many
in all.

Work Together

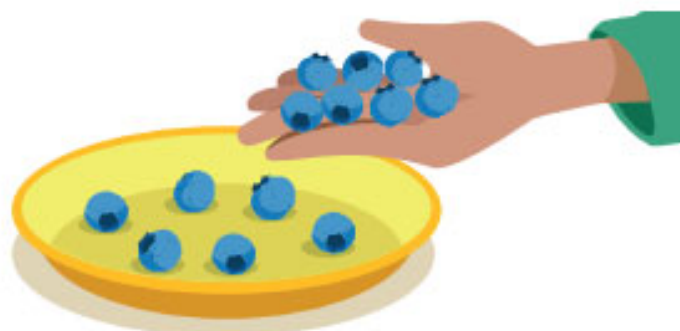
5 raindrops fall. 6 more raindrops fall.
How many raindrops fall?
Show your thinking.

_____ raindrops

On My Own

Name _____

1. Peter has 6 berries. He gets 7 more berries. How many berries does he have?
Which equation matches the word problem? Circle the equation.



$7 - 6 = ?$ $6 + 7 = ?$

What equation can show the problem? Use ? for the unknown. Then solve.

2. There are 9 cars. 3 more cars drive up.
How many cars are there?
Equation:

_____ cars

3. Nisha has 7 stickers. She gets 4 more stickers.
How many stickers does Nisha have?
Equation:

_____ stickers

4. There are 3 birds in a tree. 14 more birds land in the tree. How many birds are in the tree?
Equation:

_____ birds

5. **STEM Connection** Chloe has 9 nails. She gets 6 more nails. How many nails does Chloe have now? Draw to show your thinking.

_____ nails



6. **Extend Your Thinking** Make up a word problem. Make the total unknown. Then solve.

Reflect

How do you know you need to add to solve a word problem?

Math is... Mindset

How did you get ready to learn today?

Represent and Solve More Add To Problems



Be Curious

Jay has some oranges.

How many more oranges does he need
to have more oranges?

Math is... Mindset

How can you help identify
a problem in your class
or community?

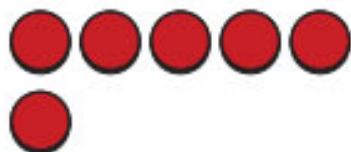
Learn

Jay has 6 oranges. He gets some more oranges. Now he has 11 oranges.

How many oranges does he get?



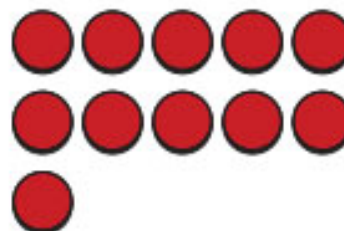
6 counters



? more counters

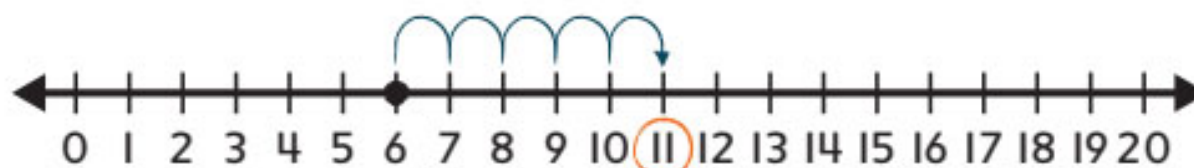


11 counters



$$6 + ? = 11$$

Count on to find the missing addend.



$$6 + 5 = 11$$

Jay gets 5 oranges.

Math is... **Choosing Tools**

What other tool can you use to find the sum?

Work Together

Kathy has 7 peaches. She buys more peaches. Now she has 16 peaches. How many peaches did Kathy buy?

Show your thinking.

_____ peaches

On My Own

Name _____

1. Carlos has 7 shells. He finds more shells. Now he has 12 shells. How many shells did Carlos find?
Make an equation to show the problem.

Use ? for the unknown.

Equation:

**How can you make an equation to show the problem?
Use ? for the unknown. Then solve.**

2. Kyle has some coins. He gets 6 more coins. Now he has 13 coins. How many coins did he have to start?

Equation:

_____ coins



3. Gus has some cards. He buys 8 cards. Now he has 15 cards. How many cards did Gus have to start?

Equation:

_____ cards

4. Emma has 5 apples. How many more apples does Emma need to have 17 apples?

Equation:

_____ apples

- 5. Error Analysis** 8 markers are in the bin. More markers go in the bin. Now 12 markers are in the bin. How many more markers went into the bin?

Monica writes $8 + 12 = ?$ to show the problem.
Do you agree? Explain.

- 6. Extend Your Thinking** What word problem can you make to match the picture? Make one addend the unknown.



Reflect

How can you show a word problem when one addend is unknown?

Math is... Mindset

How did you help identify a problem in your class or community?

Represent and Solve Put Together Problems



Be Curious

What do you see?

Part	Part
Whole	

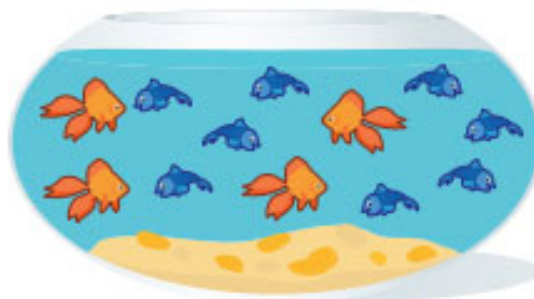
Math is... Mindset

What are your
strengths in math?

Learn

A tank holds 4 large fish and 8 small fish.

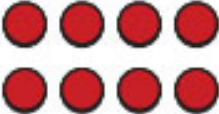
How many fish are in the tank?



The **parts** are 4 and 8.

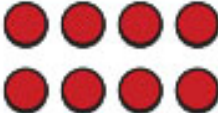
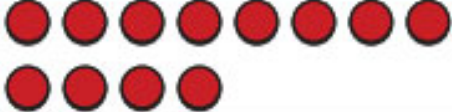
The **whole** is unknown.

$$4 + 8 = ?$$

Part	Part
	
Whole	
?	

Add the parts.

$$4 + 8 = 12$$

Part	Part
	
Whole	
	

12 fish are in the tank.

A part-part-whole mat can show addition problems.

Math is... **Structure**

How can you add the parts?

Work Together

7 chicks and 5 ducklings are in a pen.
How many baby birds are in the pen?

Show your thinking.

_____ birds

On My Own

Name _____

1. Ana has 6 tomato plants and 9 cucumber plants.
How many plants does Ana have?
Which equation matches the word problem?
Circle the equation.

$6 + 9 = ?$

$6 + ? = 9$

What equation shows the problem? Use ? for the unknown. Then solve.

2. There are 8 small paintbrushes
and 3 large paintbrushes.
How many paintbrushes?
Equation:

_____ paintbrushes



3. Franco has 8 apples. Zoe has 6 apples.
How many apples do they have?
Equation:

_____ apples

4. There are 5 red cars and 7 white cars.
How many cars in all?
Equation:

_____ cars

5. Error Analysis Juan and Lucia solve this problem.

A jar has 9 blue marbles and 6 red marbles.
How many marbles are in the jar?

Juan writes $6 + 9 = 15$. Lucia writes $9 + 6 = 15$.
Can they both be correct? Explain.

6. Extend Your Thinking Make a word problem to match the part-part-whole mat.

Part	Part
7	7
Whole	
?	

 Reflect

How can a part-part-whole mat help you add?

Math is... Mindset

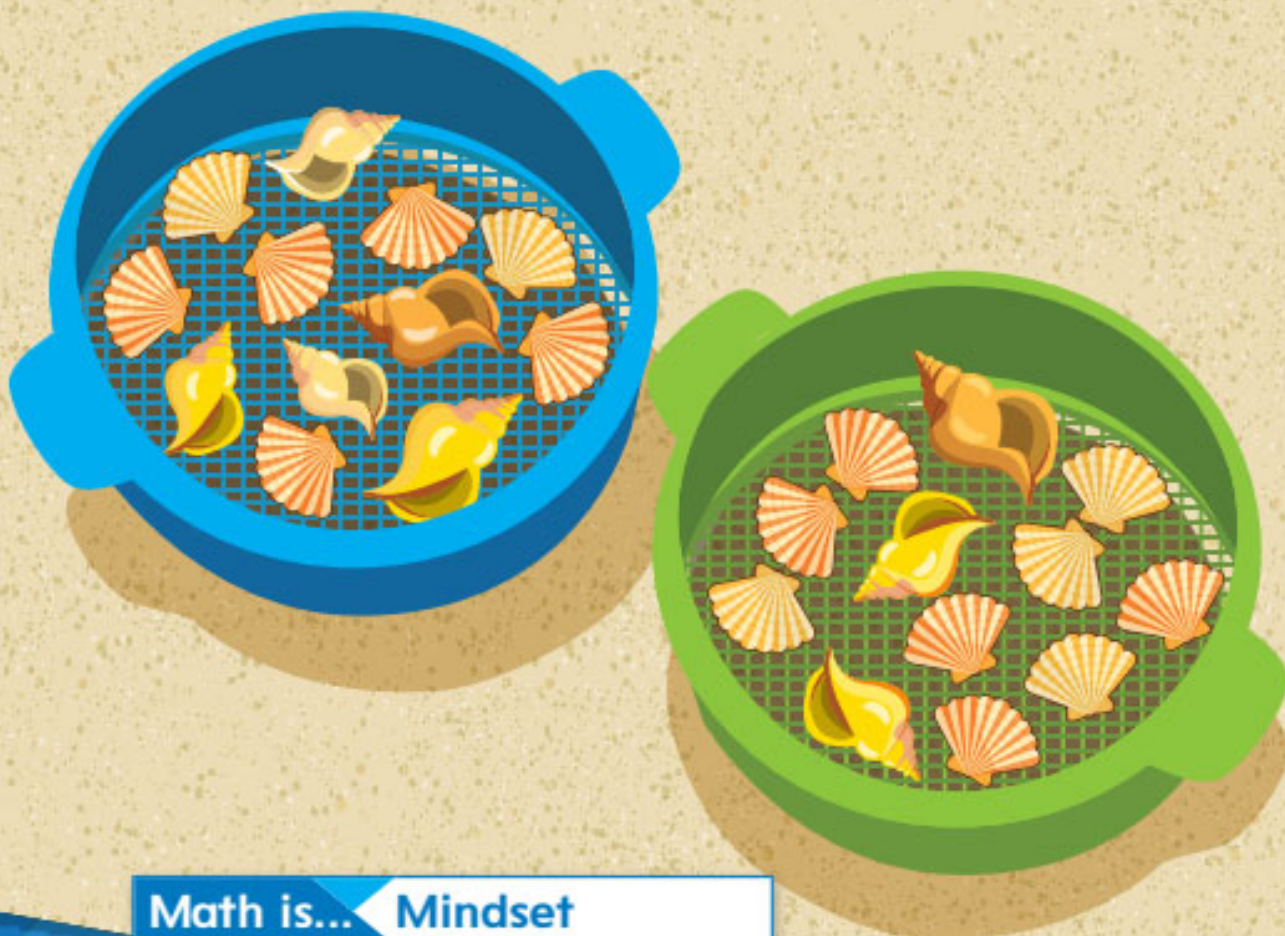
How did you use your strengths in math today?

Represent and Solve More Put Together Problems



Be Curious

How are they the same?
How are they different?



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Math is... Mindset

What helps you understand
a problem situation?

Learn

15 animals are on the beach.
Some are turtles and some are crabs.



How many turtles and how many crabs?

► One Way

$$15 = ? + ?$$

Part	Part
?	?
Whole	
	

$$15 = 7 + 8$$

There are 7 turtles and
8 crabs.

► Another Way

$$15 = ? + ?$$

Part	Part
?	?
Whole	
	

$$15 = 10 + 5$$

There are 10 turtles and
5 crabs.

Math is... Quantities

What other equations
match the problem?

Work Together

Jia has 19 coins. Some are pennies. The rest are dimes.
How many are pennies and dimes?

_____ pennies

_____ dimes

On My Own

Name _____

What equation shows the problem? Use ? for the unknowns. Then solve.

1. A farm has 11 animals. Some are chickens and some are sheep. How many chickens and how many sheep?

Equation:

_____ chickens _____ sheep

2. There are 6 blue kites and some purple kites. There are 14 kites in all. How many purple kites?

Equation:

_____ purple kites

3. There are 16 backpacks. Some are red. The rest are green. How many red backpacks and how many green backpacks?

Equation:

_____ red backpacks _____ green backpacks

4. Gina does 15 exercises. She does some push-ups and 8 sit-ups. How many push-ups does Gina do?

Equation:

_____ push-ups

5. Joy has 16 toys. 7 are dolls. The rest are trains.
How many are trains?
Draw to show your thinking.

_____ trains

6. **Extend Your Thinking** Make an equation to match the part-part-whole mat. Use ? for the unknowns. Solve two different ways.

Part	Part
?	?
Whole	
	

Reflect

What pattern do you notice when you find two unknown addends when you know the total?

Math is... Mindset

What helped you understand a problem situation?

Problems and Equations 1

Name _____

1. There are apples and oranges in a bowl. There are 6 apples and 8 oranges. How many pieces of fruit are in the bowl?

Circle the equation that shows the problem.

$$6 + \underline{\quad} = 8$$

$$6 + 8 = \underline{\quad}$$

$$8 - 6 = \underline{\quad}$$

Tell or show why.

2. Lucas has 7 markers. His friend gave him some more markers. Now Lucas has 12 markers. How many markers did his friend give Lucas?

Circle the equation that shows the problem.

$$7 + \underline{\quad} = 12$$

$$7 + 12 = \underline{\quad}$$

$$12 - 7 = \underline{\quad}$$

Tell or show why.

3. There are 9 children and 6 adults swimming in a pool. How many people are swimming in the pool?

Circle the equation that shows the problem.

$$9 + \underline{\quad} = 6$$

$$9 + 6 = \underline{\quad}$$

$$9 - 6 = \underline{\quad}$$

Tell or show why.

Reflect On Your Learning



Represent and Solve Addition Problems with Three Addends



Be Curious

Some bees are on a flower.

Some bees are on another flower.

Some bees are on another flower.

Math is... Mindset

How can you understand thinking that is different from yours?

Learn

4 bees are on a flower.
2 bees are on another flower.
5 bees are on another flower.

How many bees are there?



First, add two addends.

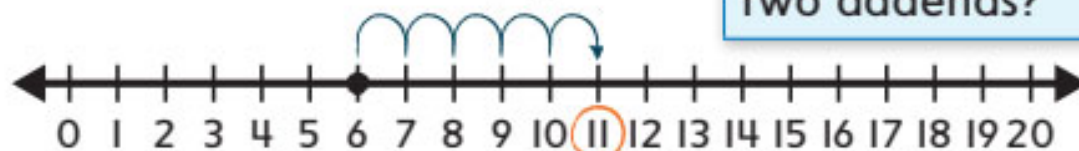
$$4 + 2 = ? \quad + 2$$



$$4 + 2 = 6$$

Then add the other addend.

$$6 + 5 = ? \quad + 5$$



$$6 + 5 = 11$$

Math is... Explaining

How is adding three addends like adding two addends?

Some problems have three addends. You add two addends at a time.

Work Together

6 pens are on a desk. 3 pens are in a case.
4 pens are on the floor. How many pens are there?
Show your thinking.

_____ pens

On My Own

Name _____

What two equations show the problem? Use ? for the unknown. Then solve.

1. Cora has 5 cubes. Lin has 4 cubes.
Brianne has 3 cubes. How many cubes altogether?



Equation: _____ cubes

Equation: _____ cubes

2. Kenny has 4 marbles. He finds 5 marbles.
He buys 9 marbles. How many marbles does
Kenny have?

Equation: _____ marbles

Equation: _____ marbles

3. There are 6 birds in a tree. 3 birds are on a fence.
7 birds are in the sky. How many birds?

Equation: _____ birds

Equation: _____ birds

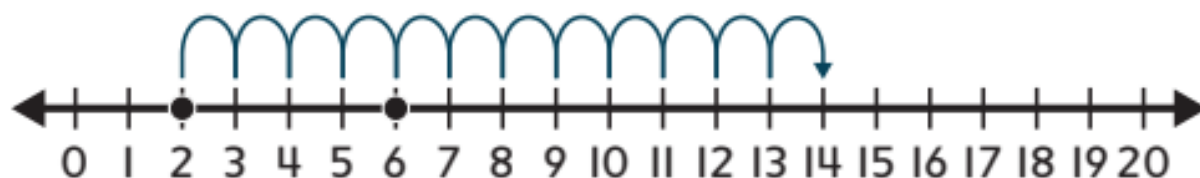
4. Ami sees 4 cats. She sees 2 dogs.
She sees 7 fish. How many pets does Ami see?

Equation: _____ pets

Equation: _____ pets

5. What equation matches the number line?

Write an equation.



6. **Extend Your Thinking** What word problem can you make to match the cubes? Write the problem. Then solve.



Reflect

How can you add three addends?

Math is... Mindset

How did understanding thinking that is different from yours help you learn?

Solve Addition Problems



Be Curious

Some tigers are in the forest.

Some tigers enter the forest.

Now there are more tigers.

Math is... Mindset

What are some ways to resolve disagreements with your classmates?

Learn

Some tigers are in the forest.
5 tigers enter the forest.
Now there are 14 tigers.

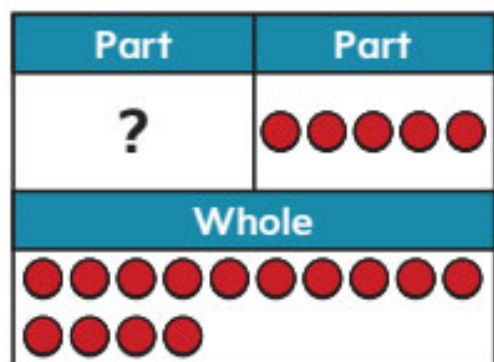


How many tigers were in the forest before?

An addition equation shows the problem.

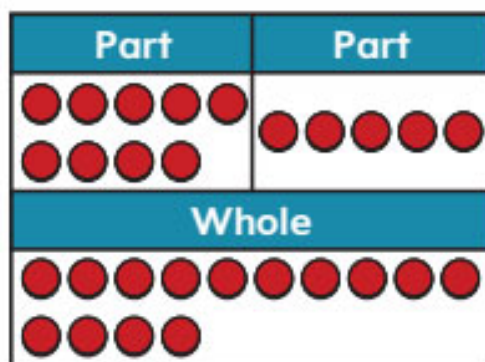
Find the missing addend.

$$? + 5 = 14$$



9 tigers were in the forest.

$$9 + 5 = 14$$



Math is... **Choosing Tools**

What other tool can you use to find the unknown?

Work Together

There are 13 animals. 7 are rabbits and the rest are birds. How many birds? Show your thinking.

_____ birds

On My Own

Name _____

How can you make an equation to show the problem? Use ? for the unknown. Then solve.

1. A box has 14 blocks.
7 blocks are large.
The rest are small.
How many small blocks?
Equation:



_____ small blocks

2. There are 11 boats in the water. 5 more boats
go in the water. How many boats?
Equation:

_____ boats

3. Leo has some books. He gets 7 more books.
Now he has 15 books. How many books did
Leo have to start?
Equation:

_____ books

4. There are 12 blue pencils. There are 5 red pencils.
There is 1 green pencil. How many pencils?
Equation:

_____ pencils

- 5. STEM Connection** Jordan visits a school for guide dogs. There are 14 dogs. More dogs join. Now there are 20 dogs. How many more dogs join?

_____ guide dogs



- 6.** Lola has 12 balloons. Some are big and some are small. How many big balloons and how many small balloons?
Make three different equations to match the problem.

- 7. Extend Your Thinking** Make an addition word problem. Then solve.

Reflect

How do you think like a mathematician to solve addition word problems?

Math is... **Mindset**

How have you resolved disagreements with your classmates?

Unit Review

Name _____

Vocabulary Review

Circle the example or examples of the term.

1. part

$$6 + 7 = 13$$

$$17 = 9 + 8$$

2. sum

$$5 - 2 = 3$$

$$7 + 4 = 11$$

3. unknown

$$9 + ? = 12$$

$$8 + 5 = 13$$

4. whole

$$5 + 9 = 14$$

$$16 = 8 + 8$$

5. equation

$$7 + 2 = 9$$

$$12 = 5 + 7$$

Review

6. Owen has 8 toy cars. He gets some more toy cars. Now he has 12 toy cars. How many toy cars does Owen get?

Which equation shows the problem?

A. $8 + 12 = ?$

B. $8 + ? = 12$

C. $12 + 8 = ?$

7. Which equation matches the problem? Draw lines.

Jeff chops some carrots.

Lila chops 6 carrots. Together they chop 11 carrots. How many carrots does Jeff chop?

$$5 + 8 = ?$$

Levi peels 5 potatoes. Iris peels 8 potatoes. How many potatoes do Levi and Iris peel?

$$? + ? = 14$$

14 pieces of fruit are in a basket. Some are apples and some are oranges. How many apples and how many oranges?

$$? + 6 = 11$$

8. Some mugs are on a shelf. Joan puts 7 more mugs on the shelf. Now there are 16 mugs on the shelf. How many mugs were on the shelf to start?

_____ mugs

9. Michaela has 12 daisies. She gets 6 tulips. How many flowers does she have?

_____ flowers

10. There are 5 chickens in the coop. 9 chickens are in the yard. 2 chickens are on the fence. How many chickens?

_____ chickens

11. There are 14 swimmers. 9 are boys and the rest are girls. How many swimmers are girls?

_____ girls

Performance Task

A carpenter makes 13 objects to sell.
Some are birdhouses. Some are shelves.

Part A: The carpenter makes 7 birdhouses and some shelves. How many shelves does the carpenter make? Show your thinking.

_____ shelves

Part B: What other numbers of birdhouses and shelves could the carpenter make? The sum is still 13. Make two equations to show these combinations.

Reflect

How can you solve different addition word problems?

Unit 7

Fluency Practice

Name _____

Fluency Strategy

You can use a ten-frame to help subtract from 10.

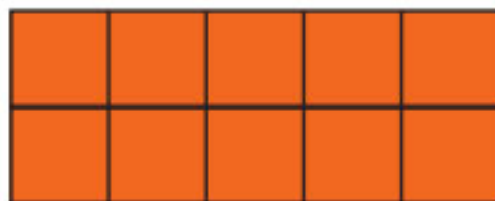


$$10 - 6 = 4$$



$$10 - 2 = 8$$

- How can you use the ten-frame to subtract $10 - 7$? Show your work.



$$10 - 7 = \underline{\quad}$$

Fluency Flash

What is the difference? Use the ten-frame to help.



$$10 - 9 = \underline{\quad}$$



$$10 - 5 = \underline{\quad}$$

Fluency Check

What is the sum or difference? Write the number.

4. $6 + 4 =$ _____

5. $8 - 7 =$ _____

6. $10 - 3 =$ _____

7. $10 - 4 =$ _____

8. $9 - 3 =$ _____

9. $10 - 8 =$ _____

10. $3 + 7 =$ _____

11. $7 - 5 =$ _____

12. $9 + 1 =$ _____

13. $2 + 8 =$ _____

Fluency Talk

How can you show that $10 - 1 = 9$?
Explain your work.

How can you use a ten-frame to add $3 + 7$?
Explain your thinking.

Meanings of Subtraction

Focus Question

How can I solve subtraction problems?

Hi! Ruby here,

I want to be a veterinarian. I have a bag with 14 puppy treats. After I feed the puppies, I have 5 treats left. I can subtract to find out how many treats I gave them.



STEM
video

GO
ONLINE

Name _____

Make Fifteen

Use Number Cards 0–9. Stack the number cards face up. Take turns choosing cards. Keep them face up. To win, make a sum of 15 with 3 cards.

You can use unit cubes with these five-frames or the number line to help you.

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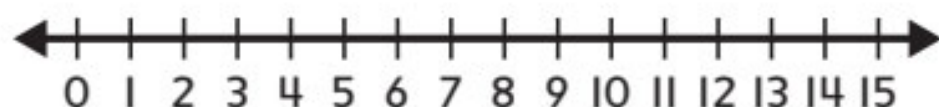
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0	1	2	3	4
5	6	7	8	9

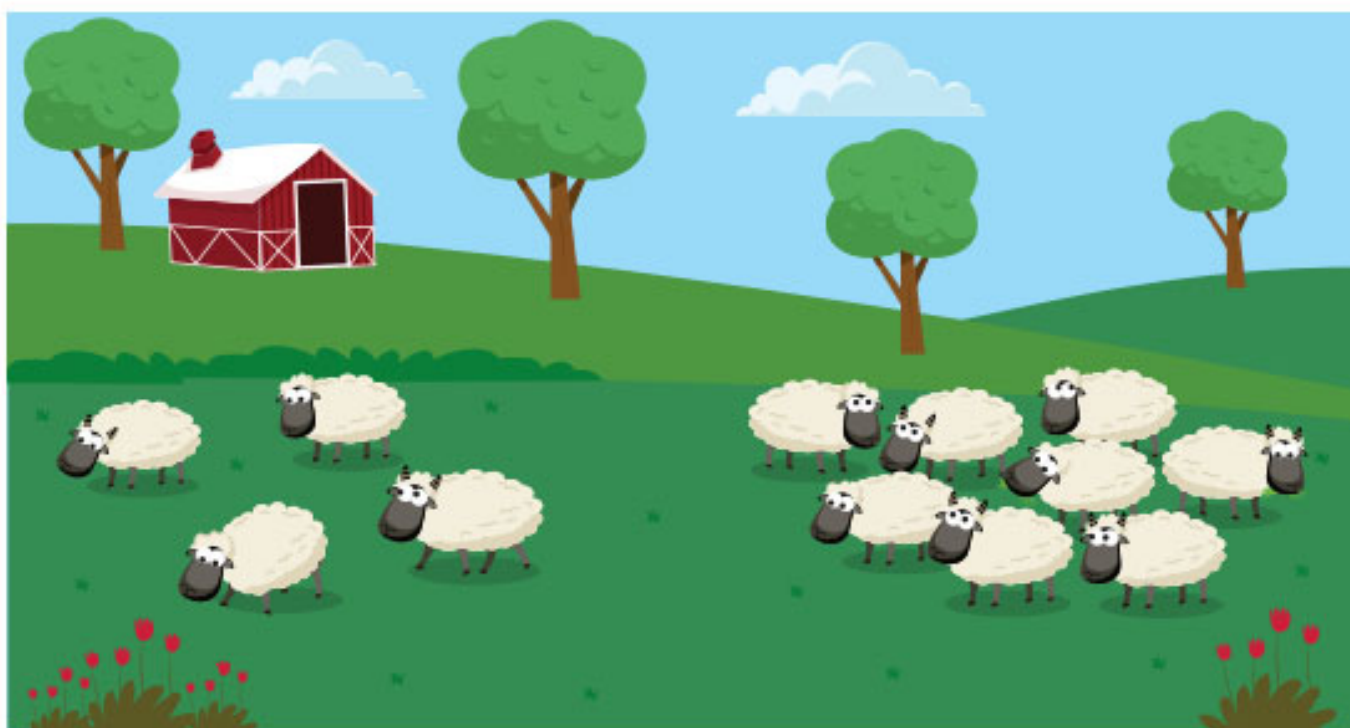


Represent and Solve Take From Problems



Be Curious

What question could you ask?



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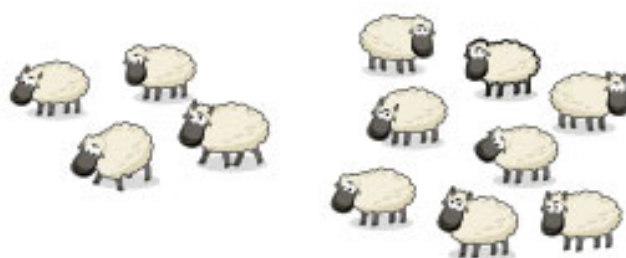
Math is... Mindset

What helps you want to do your best work?

Learn

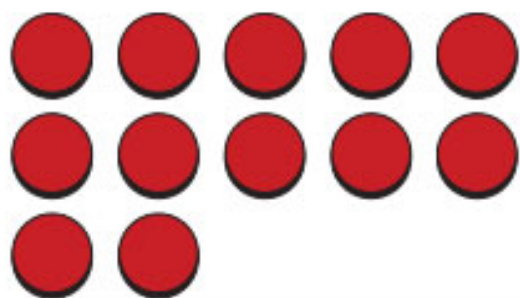
Juanita has 12 sheep.
She gives 4 sheep away.

How many sheep does
Juanita have now?



You can use counters to
show the sheep.

12 counters

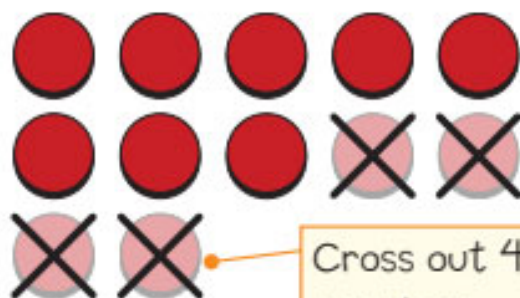


Math is... **Choosing Tools**

What is another tool you
can use?

An equation shows the
problem.

$$12 - 4 = ?$$



Cross out 4
counters.

$$12 - 4 = 8$$

Juanita has 8 sheep.

When you subtract, you take away.

Work Together

There are 15 balloons. 8 balloons pop.
How many balloons are left?

Show your thinking.

_____ balloons

On My Own

Name _____

1. There are 9 cats. 5 cats leave.
How many cats are there now?
Which equation matches the word problem?
Circle the equation.



$$9 + 5 = ?$$

$$9 - 5 = ?$$

Write an equation to show the problem. Use ? for the unknown. Then solve.

2. Lee has 14 puzzles. He gives away 7 puzzles.
How many puzzles does Lee have now?

Equation: _____

_____ puzzles

3. There are 15 horses in a stable. 6 horses go outside.
How many horses stay?

Equation: _____

_____ horses

- 4. Error Analysis** 11 oranges are in the basket. 7 oranges get eaten. How many oranges are left?



Leah makes the equation $? - 7 = 11$ to show the problem. Do you agree? Explain.

- 5. Extend Your Thinking** Make up a word problem where the difference is the unknown. Draw to solve the problem.

Reflect

How do you know when to subtract to solve a problem?

Math is... **Mindset**

What helped you want to do your best work?

Represent and Solve More Take From Problems



Be Curious

Some apples are on a tree.
A horse eats some apples.
Some apples are left on the tree.

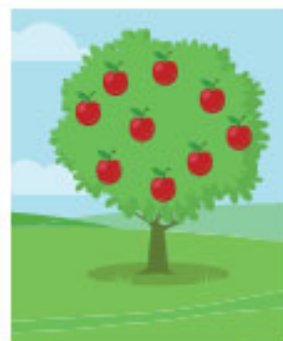
Math is... **Mindset**

What helps you understand
how others are feeling?

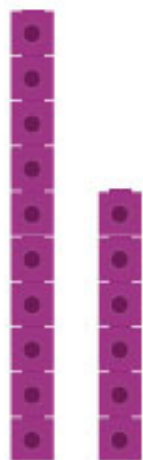
Learn

16 apples are on a tree. A horse eats some apples. 9 apples are left on the tree.

How many apples did the horse eat?



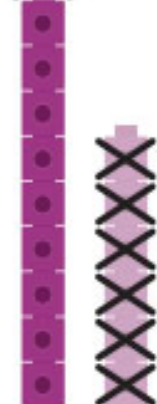
The cubes can show the apples.



16 cubes

An equation shows the problem.

$$16 - ? = 9$$



Math is... Explaining

How do you know to subtract?

Cross out cubes until 9 are left.

$$16 - 7 = 9$$

The horse eats 7 apples.

Sometimes when you subtract, you find how many are taken away.

Work Together

14 ducks are in a pond. Some fly away. Now 11 ducks are in the pond. How many ducks fly away?

Show your thinking.

_____ ducks

On My Own

Name _____

Write an equation to show the problem. Use ? for the unknown. Then solve.

1. A clown has 12 balloons.
Some balloons pop.
Now there are 8 balloons.
How many balloons popped?

Equation: _____

_____ balloons



2. Some students are on the bus. 8 students get off the bus. Now 9 students are on the bus. How many students were on the bus to start?

Equation: _____

_____ students

3. Some grapes are in a bowl. Kevin eats 6 grapes. Now there are 10 grapes in the bowl. How many grapes were in the bowl at the start?

Equation: _____

_____ grapes

4. **STEM Connection** Ruby sees 15 dogs in the kennel. Then some dogs go home. Now 7 dogs are in the kennel. How many dogs went home?

_____ dogs



5. **Extend Your Thinking** Make a word problem with an unknown change number. Then solve.

Reflect

How do you know where to put the unknown in a subtraction equation?

Math is... **Mindset**

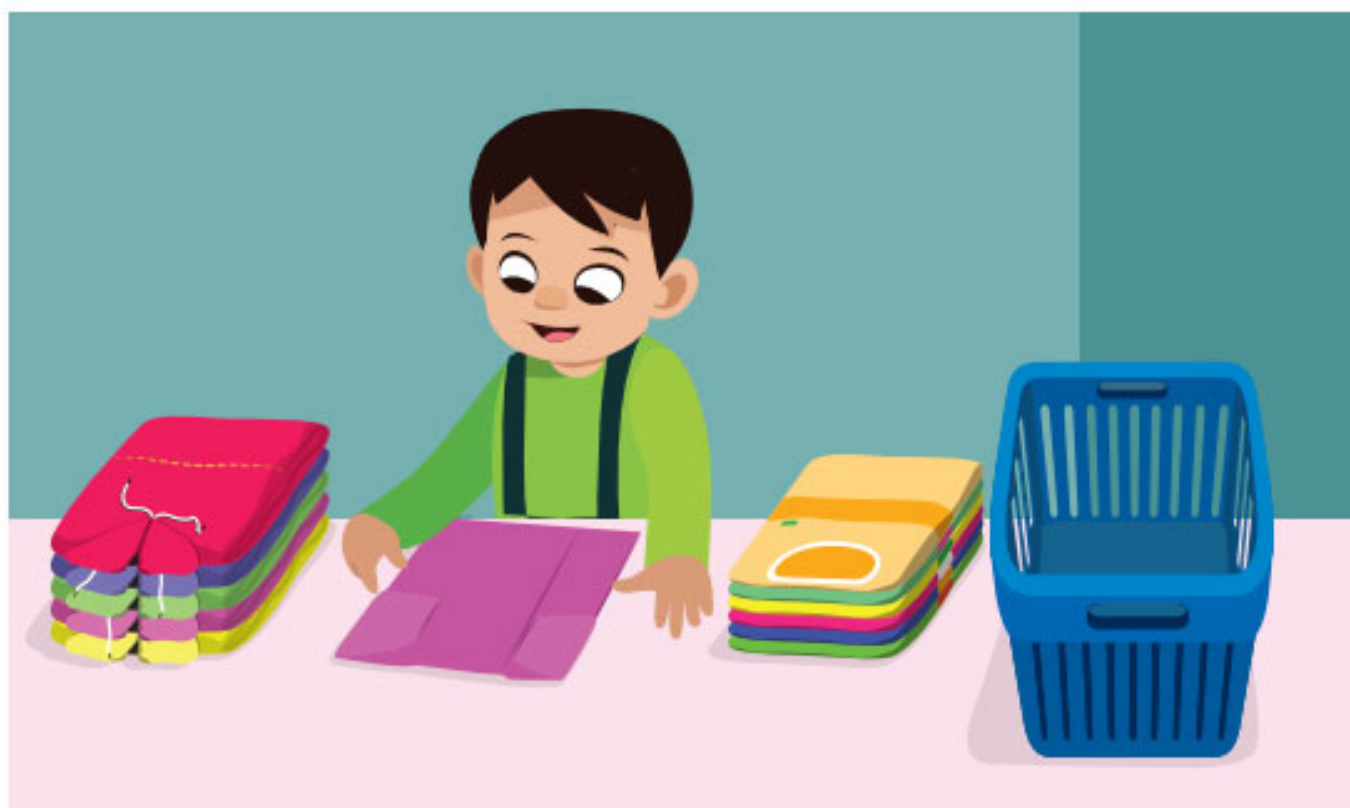
What has helped you understand how others are feeling?

Represent and Solve Take Apart Problems



Be Curious

What do you notice?
What do you wonder?



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Math is... Mindset

How well do you think you
will do with today's tasks?

Learn

Henry has some shirts in a basket.
He takes out 5 shirts. 7 shirts remain.



How many shirts did Henry have in the basket?

The parts are 5 and 7.
The whole is unknown.

Part	Part
●●●●●	●●●●●●●
	●●
Whole	
?	

Math is... **Thinking**

How can you use addition to show the problem.

An equation shows the problem.
 $? - 5 = 7$

Part	Part
●●●●●	●●●●●●●
	●●●●●●●
Whole	
●●●●●●●●●●●●	

$$12 - 5 = 7$$

Henry had 12 shirts in the basket.

In some subtraction equations, the whole is unknown.

Work Together

Some purple and green grapes are in a bowl.
8 grapes are purple. 11 grapes are green.
How many grapes are in the bowl?

Show your thinking.

_____ grapes

On My Own

Name _____

Write an equation to show the problem. Use ? for the unknown. Then solve.

1. Rai has some blocks.
He takes out 4 blocks, 10 blocks are left.
How many blocks did Rai have?

Equation: _____

_____ blocks



2. A bookshelf holds some books.
8 books are on the bottom shelf.
9 books are on the top shelf.
How many books?

Equation: _____

_____ books

3. Some caterpillars are in a tree.
8 are green and 5 are yellow.
How many caterpillars?

Equation: _____

_____ caterpillars

4. Simon has some ribbons in a bag.
He takes 5 ribbons out. 7 ribbons stay in the bag.
How many ribbons does Simon have?
Draw to show your thinking.

_____ ribbons

5. **Extend Your Thinking** Make a problem. Make the total unknown and the two parts known. Then solve.

Reflect

How can you show a problem when the whole is unknown?

Math is... Mindset

How well do you think you did with today's tasks?

Problems and Equations 2

Name _____

1. Alex has 11 dimes. He gives 7 dimes to his sister. How many dimes does Alex have left?

Circle the equation that shows the problem.

$$11 - \underline{\quad} = 7$$

$$11 - 7 = \underline{\quad}$$

$$11 + 7 = \underline{\quad}$$

Tell or show why.

2. Mia has 13 stars on her paper. Then she glues on some more stars. Now she has 19 stars on her paper. How many stars did she just glue on?

Circle the equation that shows the problem.

$$19 - \underline{\quad} = 13$$

$$19 - 13 = \underline{\quad}$$

$$13 + \underline{\quad} = 19$$

Tell or show why.

3. 17 cars are in a lot.
Some cars drive away. Now
8 cars are in the lot. How
many cars drive away?

**Circle the equation that
shows the problem.**

$$17 - \underline{\quad} = 8$$

$$17 - 8 = \underline{\quad}$$

$$17 + 8 = \underline{\quad}$$

Tell or show why.

Reflect On Your Learning



Represent and Solve More Take Apart Problems



Be Curious

Tell me everything you can.



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Math is... Mindset

What helps you
know when there is
a problem?

Learn

Jill has 13 balls in a bin. She puts some in a drawer. The rest stay in a bin.

How many can be in the drawer and how many can be in the bin?



Use a part-part-whole mat to show the problem.

Part	Part
?	?
Whole	

Math is... Quantities

What other equations match the problem?

An equation can show the problem.

$$13 - ? = ?$$

What can be one part?

Part	Part
Whole	

$$13 - 6 = 7$$

6 balls can be in the drawer and 7 can be in the bin.

When both parts of an equation are unknown, there can be many different equations.

Work Together

Layla has 10 beads. Some are purple. The rest are orange. How many purple and how many orange?

Show your thinking.

_____ purple beads and _____ orange beads

On My Own

Name _____

Write an equation to show the problem. Use ? for the unknown. Then solve.

1. Carlita has 11 hair ties. Some are old and some are new. How many are old and how many are new?

Equation: _____

_____ old and _____ new



2. There are 15 balls. Some roll left. The others roll right. How many roll left and how many roll right?

Equation: _____

_____ roll left and _____ roll right

3. There are 19 bugs. Some are ladybugs. Some are beetles. How many ladybugs and how many beetles?

Write two different answers.

_____ ladybugs and _____ beetles

_____ ladybugs and _____ beetles

4. Error Analysis Micah and Lena solve this problem.

There are 15 bracelets and necklaces on a tray.
How many bracelets and how many necklaces?

Micah writes $15 - 10 = 5$. Lena writes $15 - 8 = 7$.
Can they both be correct? Explain.

5. Extend Your Thinking Make a subtraction problem to match the part-part-whole mat.

Part	Part
?	?
Whole	
13	

 Reflect

How do the two unknown parts in a problem relate to the total?

Math is... Mindset

What helped you know when there was a problem?

Solve Problems Involving Subtraction



Be Curious

Raj has some mugs.
He puts some mugs in the cabinet.
He puts the rest on the table.

Math is... **Mindset**

What makes you feel
frustrated in math?

Learn

Raj has 14 mugs on the table.
He puts 9 mugs in the cabinet.



How many mugs are still on the table?

► **One Way** Use a part-part-whole mat.

$$14 - 9 = ?$$

Part	Part
	?
Whole	

Think addition
to subtract.

Math is... Perseverance

How can you check that
your answer is correct?

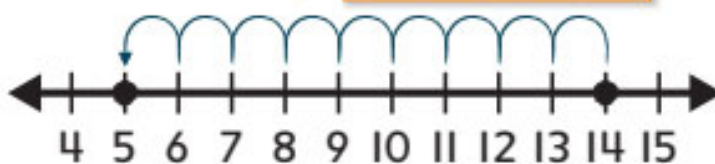
► **Another Way** Use a number line.

$$14 - 9 = ?$$

$$14 - 9 = 5$$

5 mugs are still on
the table.

Count back
to subtract.



Work Together

Hannah has 15 dishes. 6 are plates and the rest are bowls. How many bowls does she have?

Show your thinking.

_____ bowls

On My Own

Name _____

Write an equation to show the problem. Use ? for the unknown. Then solve.

1. There are 12 pieces of fruit. 4 are bananas and the rest are apples. How many apples?



Equation: _____

_____ apples

2. Jian has 13 fish. 6 are small and the rest are large. How many large fish does Jian have?

Equation: _____

_____ large fish

3. Stew sees 19 turtles. He sees 7 box turtles. The rest are sea turtles. How many sea turtles does Stew see?

Equation: _____

_____ sea turtles

4. **STEM Connection** Chloe builds 11 birdhouses. She paints 6 blue. She paints the rest yellow. How many does she paint yellow? Draw to show your thinking.



_____ birdhouses

5. **Extend Your Thinking** Make up a subtraction problem to match the part-part-whole mat.

Part	Part
	?
Whole	
	

Reflect

How did you think like a mathematician to solve subtraction word problems?

Math is... **Mindset**

What made you feel frustrated in math today?

Solve More Problems Involving Subtraction



Be Curious

The coach has some basketballs.
She puts some in a bin.
She has some basketballs left.

Math is... Mindset

How can different ideas help you learn better?

Learn

The coach has 14 basketballs.
She puts some in a bin.
She has 8 basketballs left.



How many basketballs does the coach put in the bin?

Use a part-part-whole mat.

$$14 - ? = 8$$

Part	Part
?	
Whole	
	

Think addition
to subtract.

Math is... Choosing Tools

What other tool can you
use to solve?

Either part in a subtraction equation can be unknown.
You can find different unknowns.

Work Together

There are 14 animals. Some are zebras and 3 are lions. How many zebras?

Show your thinking.

_____ zebras

On My Own

Name _____

Write an equation to show the problem. Use ? for the unknown. Then solve.

1. Kelly has 16 carrots.
She cooks 8 carrots for dinner.
How many carrots are left?

Equation: _____

_____ carrots



2. Ann has some apples. She eats 7 apples.
She has 10 apples left. How many did she
have to start?

Equation: _____

_____ apples

3. There are 13 squirrels. Some run away. 4 squirrels
are left. How many squirrels ran away?

Equation: _____

_____ squirrels

- 4. STEM Connection** C.J. asks 14 students to name their favorite sport. 9 say baseball and the rest say football. How many students said football?



Draw to show your thinking.

_____ students

- 5. Extend Your Thinking** Make a subtraction problem where both parts are known but the total is unknown.

Reflect

How can you show different kinds of subtraction problems?

Math is... Mindset

How have different ideas helped you learn better?

Solve Problems Involving Addition and Subtraction



Be Curious

What could the question be?



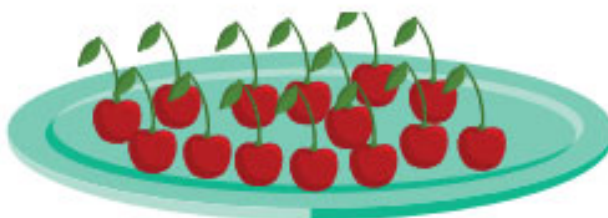
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Math is... Mindset

What can you do today to help build a good relationship with a classmate?

Learn

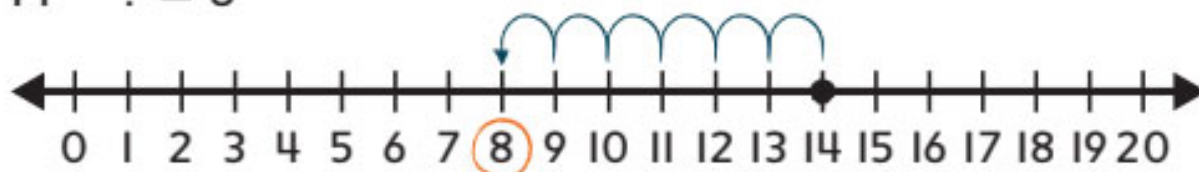
There are 14 cherries. Emma takes 8 cherries and leaves her brother 8 cherries.



How many cherries does Emma take?

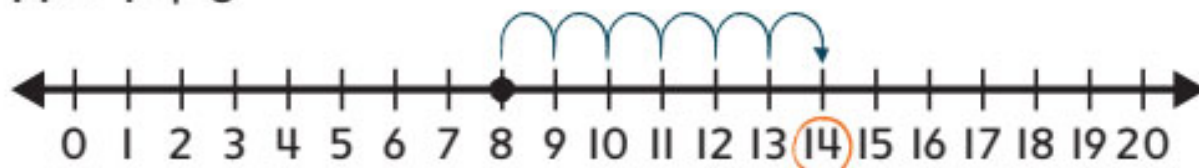
► **One Way** Use a subtraction equation.

$$14 - ? = 8$$



► **Another Way** Use an addition equation.

$$14 = ? + 8$$



You can add or subtract to solve some problems.

Math is... **Explaining**

Which operation will you use?

Work Together

Wes has 11 grapes. He eats some grapes. Now he has 4 grapes. How many grapes did Wes eat?

Show your thinking.

_____ grapes

On My Own

Name _____

Write an equation to show the problem. Use ? for the unknown. Then solve.

1. Kendra makes 15 hotdogs.
8 hotdogs are on a plate.
The rest are on the grill. How
many hotdogs are on the grill?



Equation: _____

_____ hotdogs

2. There are 11 hippos. More hippos join. Now
there are 17 hippos. How many hippos join?

Equation: _____

_____ hippos

3. There are 18 magnets. 9 magnets are squares and
the rest are circles. How many magnets are circles?

Equation: _____

_____ magnets

4. Error Analysis Abe and Leo solve this problem.

There are 13 cartons of milk. Students drink 6 of the cartons of milk. How many cartons of milk are left?

Abe writes $13 - 6 = ?$ and Leo writes $6 + ? = 13$.

Can they both be correct? Explain.

5. Extend Your Thinking Make a subtraction or addition problem. Then solve. Draw to show your work.

 Reflect

How can you add or subtract to solve problems?

Math is... Mindset

What have you done today to help build a good relationship with a classmate?

Unit Review

Name _____

Vocabulary Review

Use the vocabulary to complete the sentence.

difference

part

unknown

whole

problem

1. A ? shows the _____ in an equation.
2. You subtract one number from another to find the _____.
3. In $12 - 7 = 5$, 7 is one _____ and 5 is the other.
4. In a subtraction problem, the total is the same as the _____.
5. A _____ tells a story that uses numbers.

Review

6. There are 13 stuffed animals. Some are tigers. 8 are zebras. How many are tigers?

Which equation shows the problem? Choose all the correct answers.

A. $13 + 8 = ?$

B. $8 + ? = 13$

C. $13 - ? = 8$

7. Bonnie reads 12 books. Some are animal books and some are science books. How many of each book does Bonnie read?

Which equation shows the problem? Choose all the correct answers.

A. $12 = 5 + 7$

B. $7 + 8 = 15$

C. $9 + 3 = 12$

8. There are 12 dogs at the park. Some dogs go home. Now 3 dogs are at the park. How many dogs went home?

_____ dogs

9. Jake has 10 books in his backpack. He takes out 3 books. How many books are left?

_____ books

10. A jar holds orange and blue marbles. There are 5 orange marbles and 9 blue marbles. How many marbles are in the jar?

_____ marbles

11. Hannah has 12 tools. 4 are hammers and the rest are wrenches. How many wrenches does she have?

_____ wrenches

12. There are 15 kites. Some are flat and some are boxy. How many of each kite could there be? Choose all the correct answers.

A. 5 flat and 7 boxy

B. 6 flat and 9 boxy

C. 7 flat and 8 boxy

13. Evan has some boxes to move. He moves 6 boxes. He has 5 more boxes to move. How many boxes did Evan start with?

_____ boxes

Performance Task

The veterinarian sees fewer than 20 animals today. He sees 10 dogs before lunch.

Part A: Does the veterinarian see the same number of dogs and cats today? Explain your thinking.

Part B: How many cats can the veterinarian see?

Part C: What can you say about the number of dogs compared to the number of cats the veterinarian sees?

Reflect

How can you solve different subtraction problems?

Unit 8

Fluency Practice

Name _____

Fluency Strategy

You can add 0 to a number. The sum is that number.
You can subtract 0 from a number. The difference is that number.



+



$$3 + 0 = 3$$



-



$$2 - 0 = 2$$

1. How can you find the sum of $8 + 0$? How can you find the difference of $8 - 0$? Explain your thinking.

Fluency Flash

What is the sum or difference? Write the number.

2. $4 + 0 =$ _____



3. $1 - 0 =$ _____



Fluency Check

What is the sum or difference? Write the number.

4. $10 - 3 =$ _____

5. $8 + 2 =$ _____

6. $9 - 0 =$ _____

7. $7 + 0 =$ _____

8. $5 + 5 =$ _____

9. $3 + 0 =$ _____

10. $10 - 0 =$ _____

11. $1 + 9 =$ _____

12. $4 - 0 =$ _____

13. $6 + 0 =$ _____

Fluency Talk

What do you know about $5 + 0$? How can you use what you know to add 0 to other numbers?

How can you show $10 - 6 = 4$? Explain your work.

Addition within 100

Focus Question

How do I use strategies to add 2-digit numbers?

Hi, I'm Marisol.

I want to be a paramedic. Paramedics ride in ambulances to help people. I bet they ride a lot of miles. How can they find out how many miles they ride each week?

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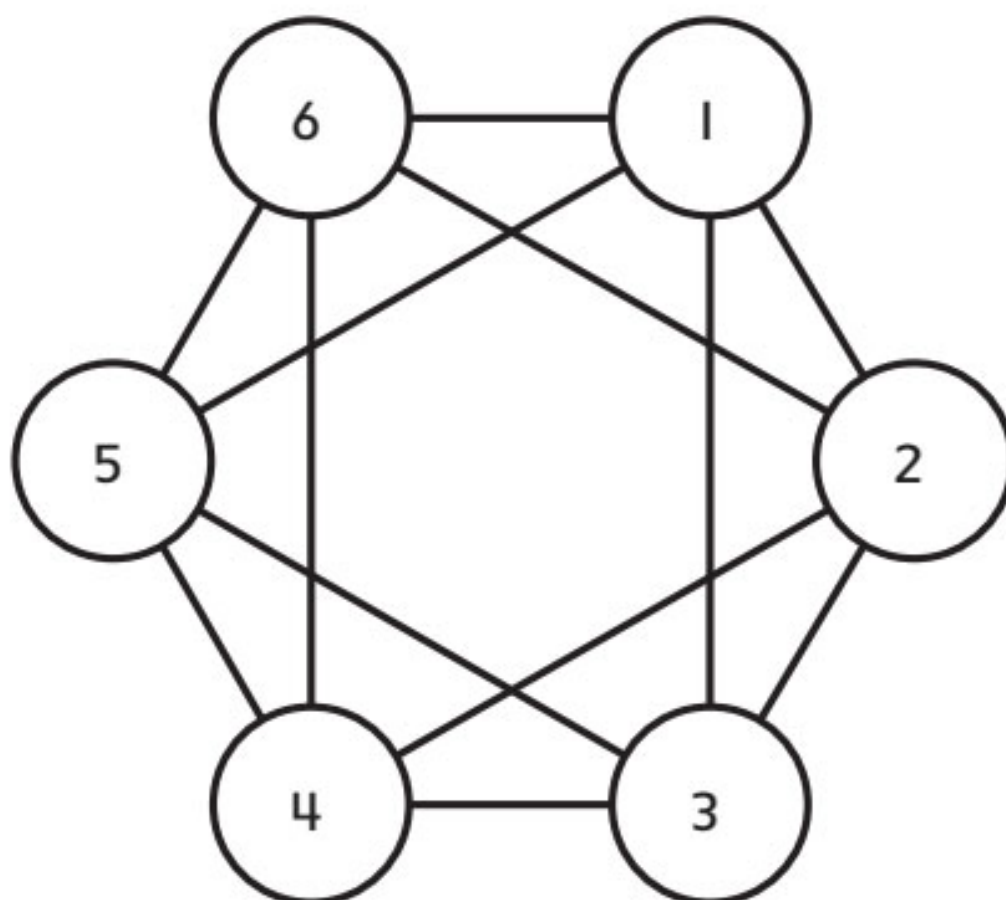
STEM
video

GO
ONLINE

Name _____

Race to 21

Play an adding game.



Use Mental Math to Find 10 More



Be Curious

What do you see?



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Math is... Mindset

How can you be part of
the classroom community?

Learn

Rachel has 21 stamps. Henry gives her 10 more stamps.

How many stamps does Rachel have now?



You can use mental math to add 10 to a **2-digit number**.

$$21 + 10 = 31$$

$$47 + 10 = 57$$

$$74 + 10 = 84$$

Math is... **Patterns**

What patterns do you see?

When you add 10, the tens **digit** goes up by 1 and the ones digit stays the same.

Work Together

Tom has 35 grapes. He gets 10 more grapes.
How many grapes does Tom have now?

Explain your thinking.

_____ grapes

On My Own



Name _____

Is the equation true? Circle Yes or No.

1. $17 + 10 = 18$

Yes

No

2. $32 + 10 = 42$

Yes

No

What is the sum?

3. $10 + 51 = \underline{\hspace{2cm}}$

4. $86 + 10 = \underline{\hspace{2cm}}$

5. $10 + 64 = \underline{\hspace{2cm}}$

6. $79 + 10 = \underline{\hspace{2cm}}$

7. $18 + 10 = \underline{\hspace{2cm}}$

8. $44 + 10 = \underline{\hspace{2cm}}$

9. Brenda has 58 red ribbons and 10 blue ribbons.
How many ribbons does she have?

_____ ribbons

10. **STEM Connection** Ruby gives her dog 16 treats each day. The vet says the dog can have 10 more treats each day. How many treats can Ruby's dog have each day?

_____ treats



11. **Extend Your Thinking** Some crayons are on the table. 10 crayons are in a box. There are 33 crayons in all. How many crayons are on the table?
Explain your thinking.

_____ crayons

Reflect

How can you add 10 to a number?

Math is... **Mindset**

How were you part
of the classroom
community today?

Patterns and Addition

Name _____

Circle the answer.

1. What number belongs in the ? box in the chart?

	57	58	
		?	
76			

59 62 68 72 74 75

None of these numbers

Tell or show why.

2. What number belongs in the ? box in the chart?

	22		24		
			?		
				55	

25 26 36 44 50 54

None of these numbers

Tell or show why.

3. What is 10 more than 74?

Tell or show why.

75 76 80 84 85

None of these numbers

4. What is 20 more than 43?

Tell or show why.

45 53 60 63 65

None of these numbers

Reflect On Your Learning



Represent Adding Tens



Be Curious

Tell me everything you can.



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Math is... Mindset

What helps you make good decisions about your behavior?

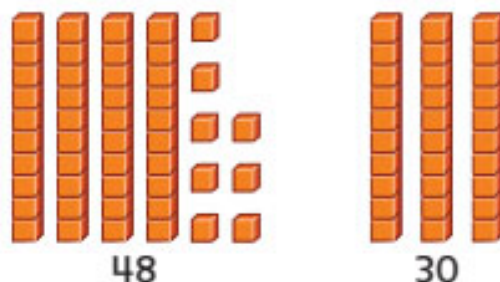
Learn

Milo has 48 trading cards.
He buys 30 more trading cards.
How many trading cards does
Milo have now?

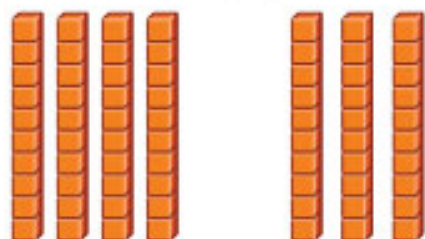
$$48 + 30 = ?$$



Show 48 and 30.



Add the tens.

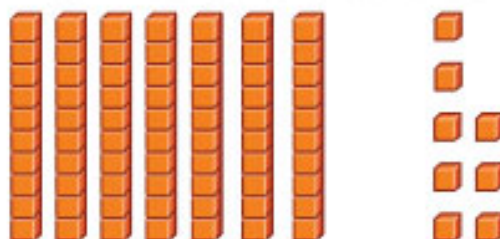


$$40 + 30 = 70$$

Math is... Patterns

How is adding 30 similar
to adding 10?

Add the tens and ones.



$$70 + 8 = 78$$

So, $48 + 30 = 78$.

Work Together

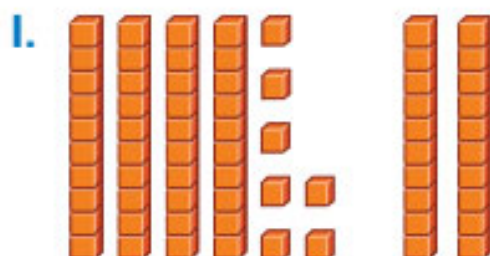
What is the sum?
Show your thinking.

$$20 + 63 = \underline{\quad}$$

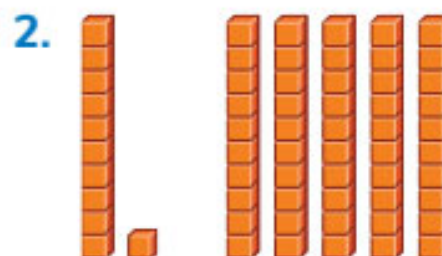
On My Own

Name _____

What is the sum? Fill in the equation.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

What is the sum?

3. $29 + 60 = \underline{\quad}$

4. $35 + 40 = \underline{\quad}$

5. $78 + 10 = \underline{\quad}$

6. $30 + 69 = \underline{\quad}$

7. Pete sees 25 fish. He sees 20 more fish.
How many fish does Pete see in all?

_____ fish

8. **Error Analysis** Look at Min's work. Do you agree with the sum? Explain your thinking.

$$19 + 40 = 50$$

9. **Extend Your Thinking** Write a word problem about adding tens to a number. Then solve.

Reflect

How can you add tens to any number?

Math is... **Mindset**

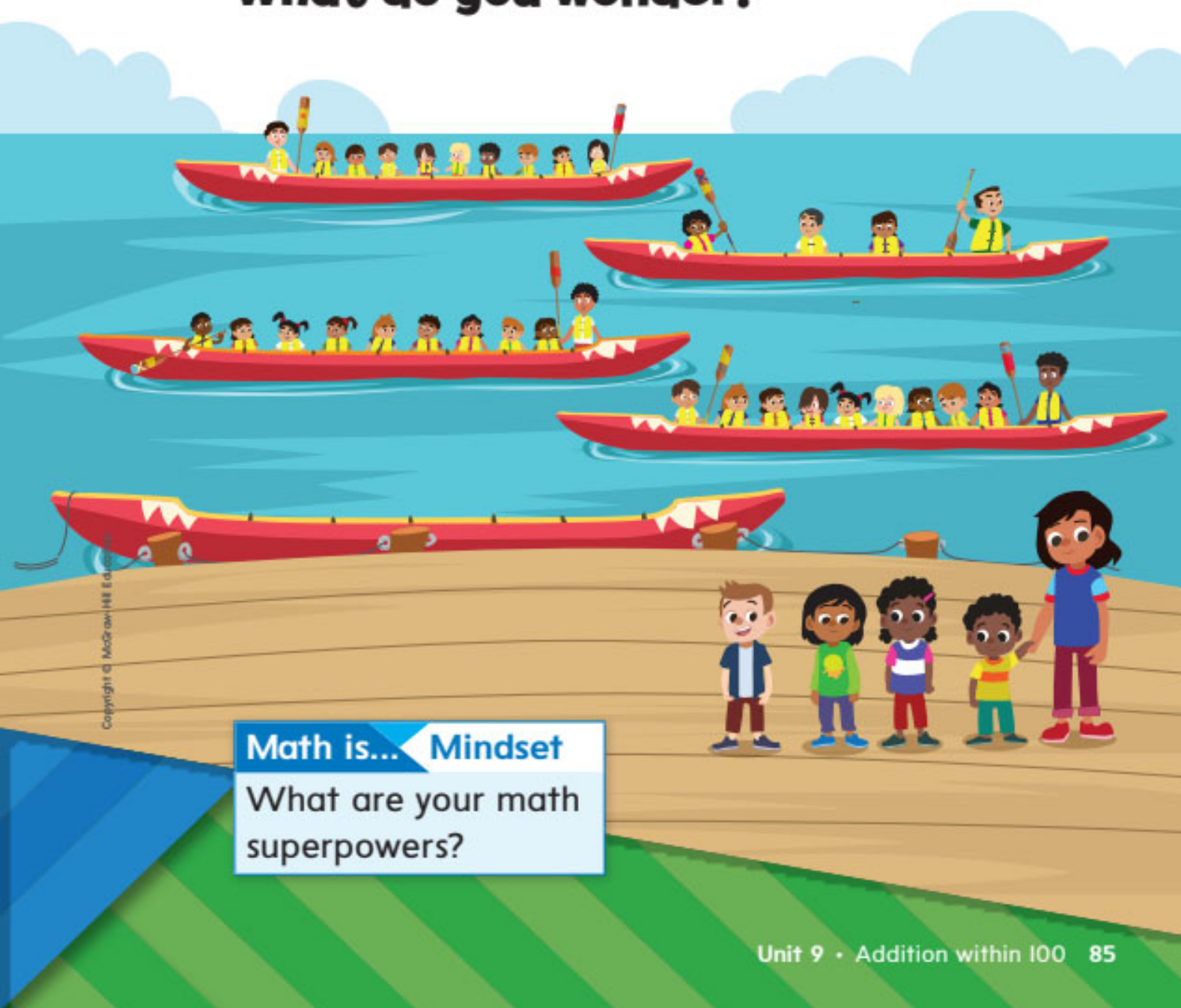
What helped you
make good decisions
about your behavior?

Represent Adding Tens and Ones



Be Curious

**What do you notice?
What do you wonder?**



Math is... Mindset

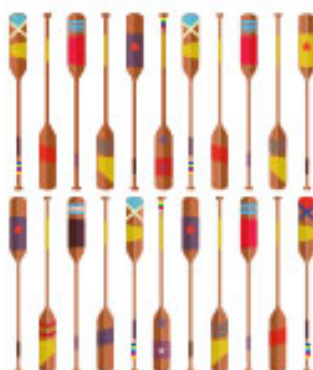
**What are your math
superpowers?**

Learn

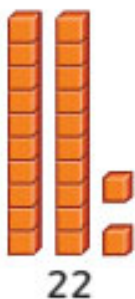
Don has 22 oars. He buys 6 more oars.

How many oars does Don have now?

$$22 + 6 = ?$$



Show 22 and 6.



Math is... **Explaining**

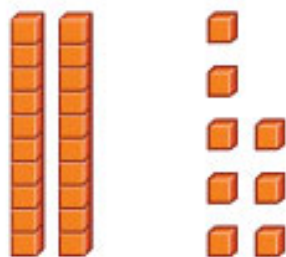
Why do you add 6 to the ones and not to the tens?

Add the ones.



$$2 + 6 = 8$$

Add the tens and ones.



$$20 + 8 = 28$$

$$\text{So, } 22 + 6 = 28.$$

Work Together

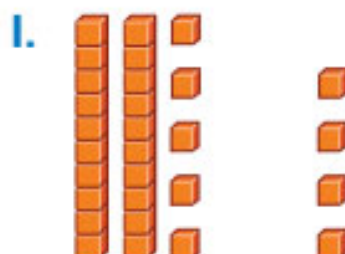
What is the sum?
Show your thinking.

$$62 + 5 = \underline{\quad}$$

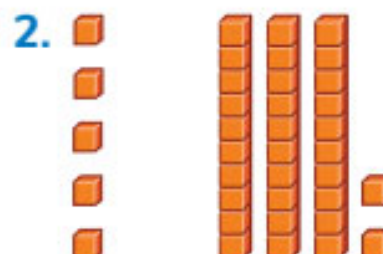
On My Own

Name _____

What is the sum? Fill in the equation.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

What is the sum?

3. $34 + 4 = \underline{\quad}$

4. $65 + 2 = \underline{\quad}$

5. $3 + 26 = \underline{\quad}$

6. $51 + 8 = \underline{\quad}$

7. The farmer has 21 melons. She picks 6 more melons.
How many melons does the farmer have now?

_____ melons

8. Laura takes 35 photos. She takes 3 more
photos. How many photos does Laura take?
Draw to show your thinking.

_____ photos

9. **Extend Your Thinking** Make your own equation
adding ones to a 2-digit number. Then solve.

Reflect

How can you add ones to a number?

Math is... Mindset

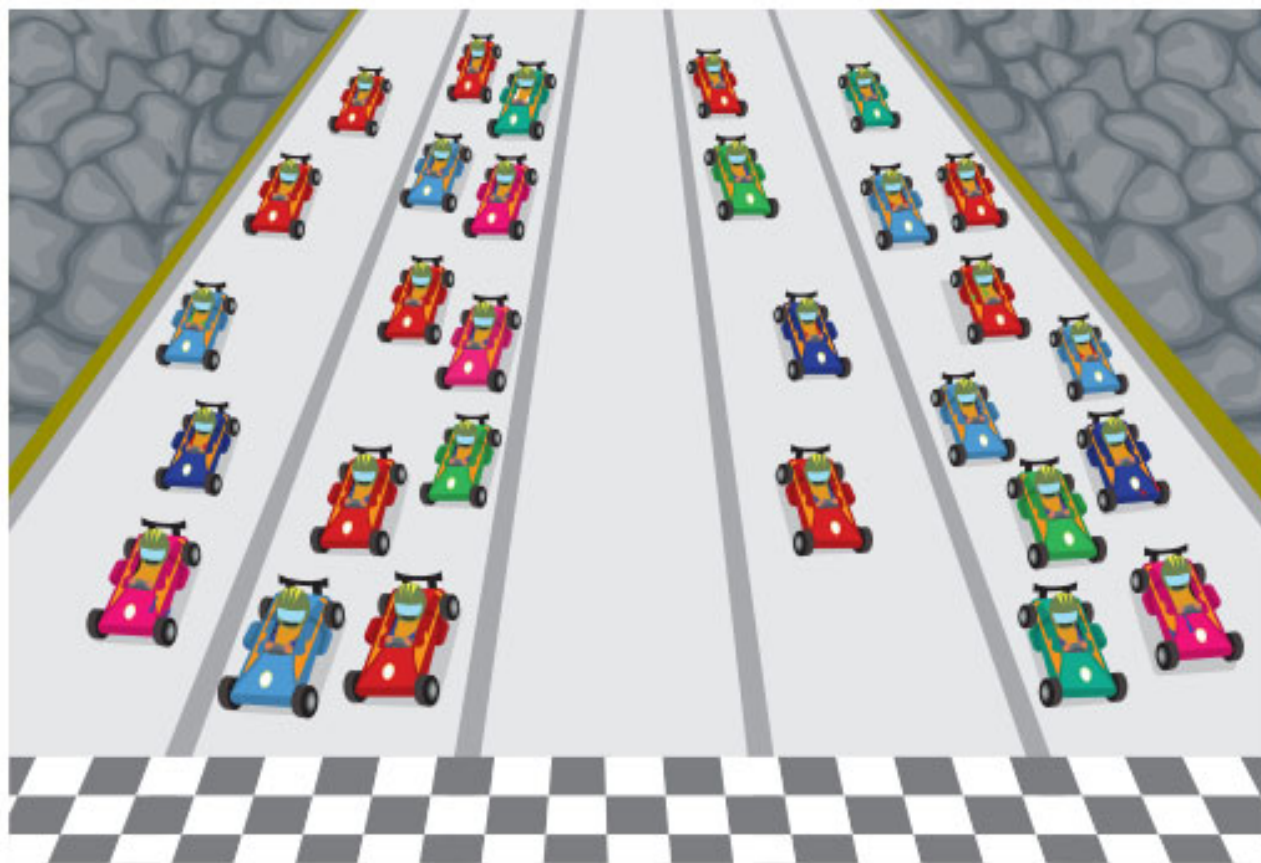
How have your math
superpowers helped
you today?

Decompose Addends to Add



Be Curious

**What do you notice?
What do you wonder?**



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Math is... Mindset

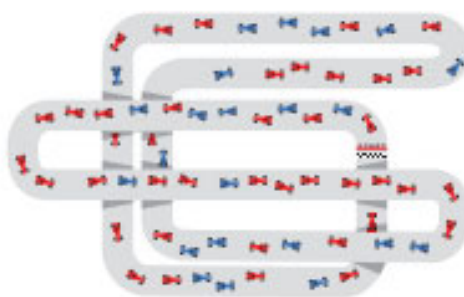
How can you show you
understand how others
are feeling?

Learn

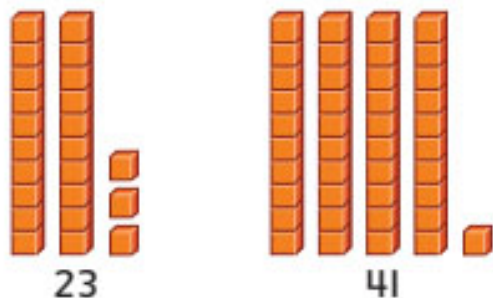
23 cars are blue. 41 cars are red.

How many cars are there?

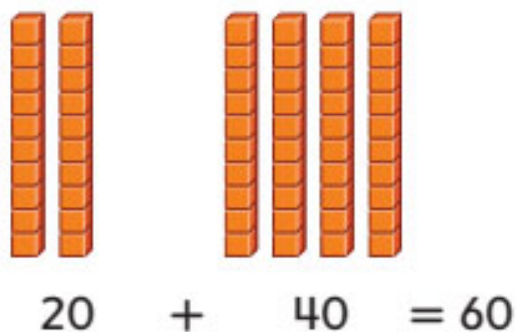
$$23 + 41 = ?$$



Show 23 and 41.



Add the tens.



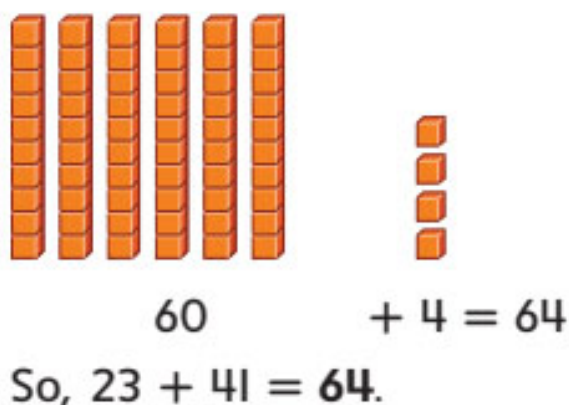
Add the ones.



$$3 + 1 = 4$$

Math is... Modeling

How can you show each addend?



Work Together

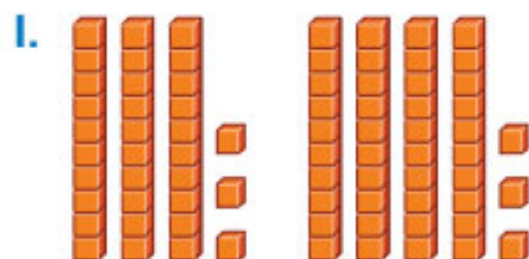
What is the sum? Add the tens, then add the ones.
Then add the tens and ones.

$$34 + 25 = \underline{\quad}$$

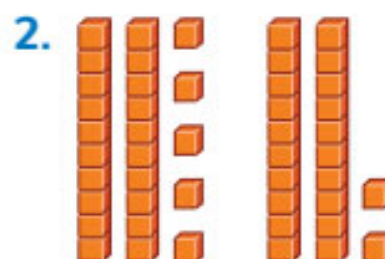
On My Own

Name _____

What is the sum?



$$33 + 43 = \underline{\quad}$$



$$25 + 22 = \underline{\quad}$$

What is the sum? Show adding the tens, then the ones. Then add the tens and ones.

3. $61 + 18 = \underline{\quad}$

4. $43 + 25 = \underline{\quad}$

5. $21 + 51 = \underline{\quad}$

6. $14 + 34 = \underline{\quad}$

7. Error Analysis Val adds $31 + 27$.

$$1 + 7 = 8$$

$$30 + 20 = 50$$

She says the sum is 50. Do you agree? Explain.

8. Extend Your Thinking One team has 26 players.
One team has 23 players. How many players are
on the two teams?

_____ players

 Reflect

How is adding tens then ones helpful?

Math is... Mindset

What helped you
understand how others
are feeling?

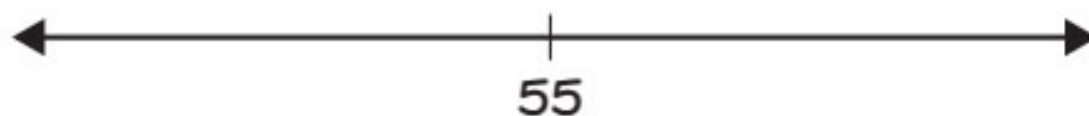
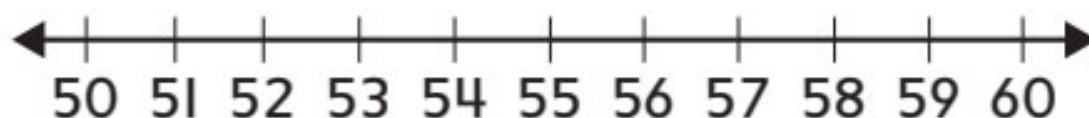
Use an Open Number Line to Add within 100



Be Curious

How are they the same?

How are they different?



Math is... Mindset

What helps you solve a problem?

Learn

How can you use a number line to add $55 + 24$?



$$55 + 24 = ?$$

Start with 55.

It is the greater addend.

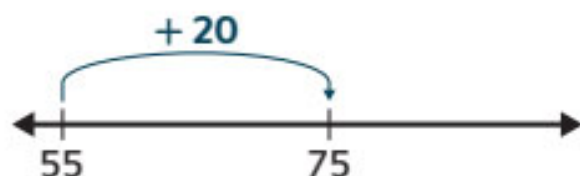


No tick marks.

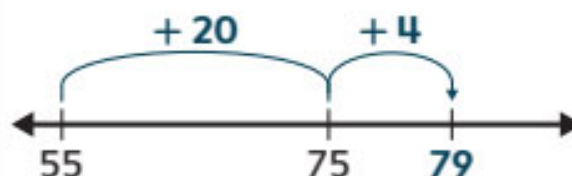
Math is... **Explaining**

Why do you start with the greater addend?

Add the tens.



Then add the ones.



$$55 + 24 = 79$$

You can use an **open number line** to add numbers.

Work Together

What is the sum? Use an open number line.

$$13 + 26 = \underline{\quad}$$



On My Own

Name _____

What is the sum?

1. $24 + 34 =$ _____

2. $72 + 15 =$ _____

3. $37 + 40 =$ _____

4. $63 + 21 =$ _____

What is the sum? Use the open number line.

5. $65 + 21 =$ _____



6. $28 + 51 =$ _____



- 7. STEM Connection** Paramedics drive 35 miles. They drive 22 more miles. How many miles do they drive? Show your thinking on the open number line.



_____ miles



- 8. Extend Your Thinking** How is adding on an open number line like counting on to add?

Reflect

How can you use an open number line to add?

Math is... **Mindset**

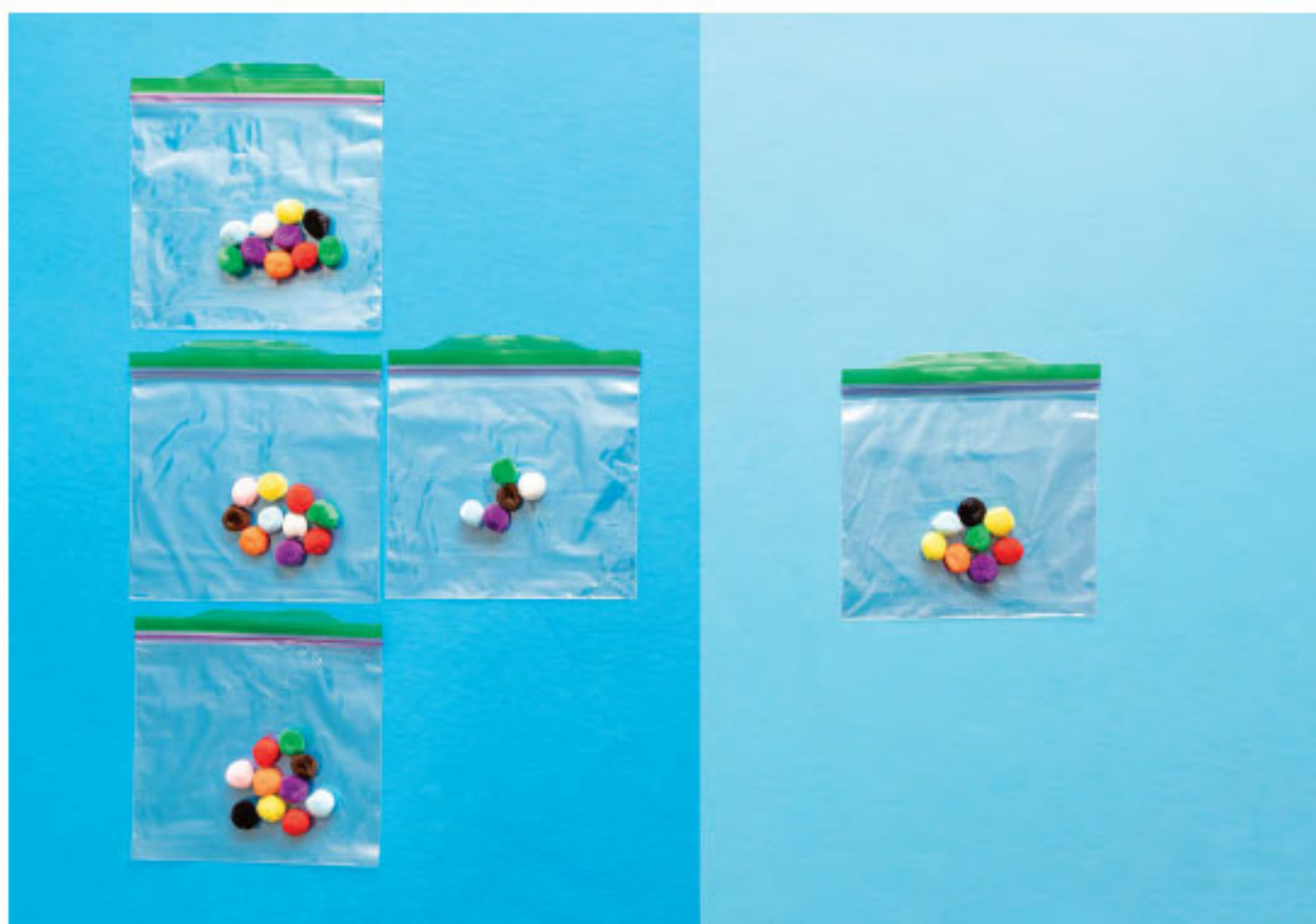
What helped you solve a problem?

Decompose to Add on an Open Number Line



Be Curious

What could the question be?



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Math is... Mindset

What is your goal
for today?

Learn

Jill has 35 pompoms.
Daryn has 8 pompoms.

How many pompoms
do they have?

$$35 + 8 = ?$$

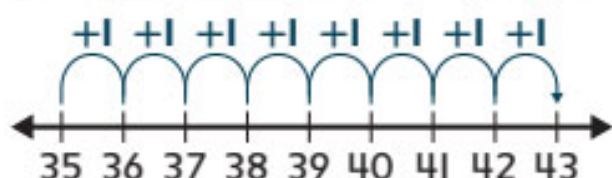


Jill

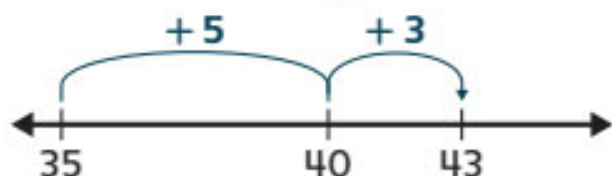


Daryn

► **One Way** Count on by 1.



► **Another Way** Make a 10 to add.



$$35 + 8 = 43$$

Math is... Quantities

How does the
number line show
each addend?

When you add, sometimes you break apart one
addend to make a 10.

Work Together

What is the sum? Use the open number line.

$$86 + 7 = \underline{\quad}$$



On My Own

Name _____

What is the sum? Use the open number line.

1. $27 + 4 =$ _____



2. $45 + 8 =$ _____



What is the sum?

3. $9 + 62 =$ _____

4. $36 + 7 =$ _____

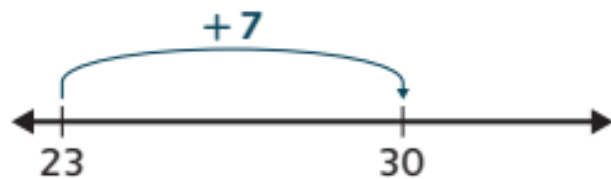
5. $59 + 5 =$ _____

6. $6 + 74 =$ _____

7. Maria has 37 round beads. She has 9 long beads.
How many beads does Maria have?

_____ beads

8. **Error Analysis** Enzo adds $9 + 23$.



He says the sum is 30. Do you agree? Explain.

9. **Extend Your Thinking** Kia has 26 buttons. She buys 7 more. How can you find how many buttons?

Reflect

How can you use an open number line to add ones to a number?

Math is... **Mindset**

How have you worked to reach your goal today?

Regroup to Add



Be Curious

What do you notice?
What do you wonder?



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Math is... Mindset

How do you share
your thinking clearly?

Learn

46 toys are in the machine.

7 toys are near it.

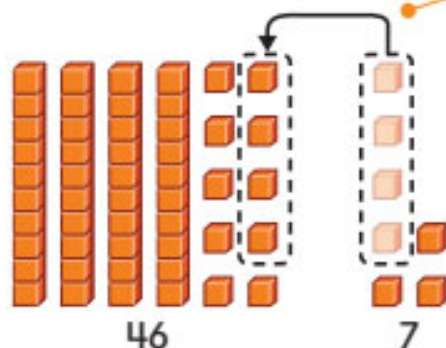
How many toys are there?

$$46 + 7 = ?$$



Add the ones.

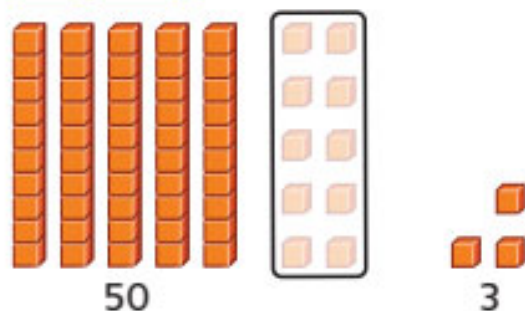
Make a 10.



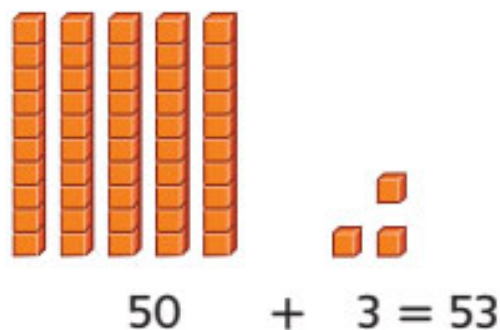
Math is... Explaining

How many tens and ones are in 46 and 7?

Regroup 10 ones as 1 ten.



Add the tens and ones.



$$46 + 7 = 53$$

Work Together

What is the sum? Explain your thinking.

$$34 + 8 = \underline{\quad}$$

On My Own



Name _____

What is the sum? Show regrouping 10 ones as 1 ten.

1. $36 + 5 =$ _____

2. $65 + 8 =$ _____

What is the sum?

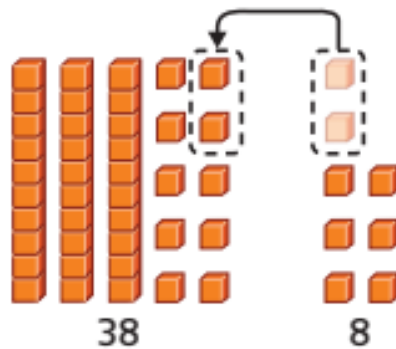
3. $82 + 9 =$ _____

4. $6 + 79 =$ _____

5. $58 + 4 =$ _____

6. $7 + 47 =$ _____

7. Error Analysis Marion uses blocks to add $38 + 8$.



Marion says the sum is 48. How can you help Marion add correctly?

8. Extend Your Thinking Write an addition problem where you have to regroup to add. Then explain how to solve your addition problem.

 Reflect

How can you regroup to add ones to a number?

Math is... Mindset

Why is it important to share your thinking clearly?

Add 2-Digit Numbers



Be Curious

What question could you ask?



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Math is... Mindset

What do you want your classmates to know about your math story?

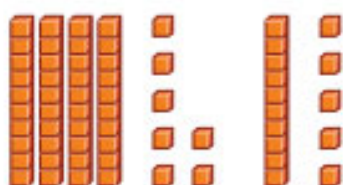
Learn

Macy has 47 pins on her backpack.
She puts 15 pins on the pocket.

How many pins does Macy have
on her backpack?



$$47 + 15 = ?$$



47

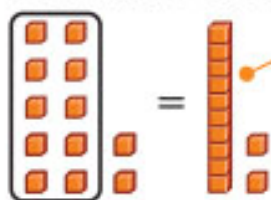
15

Add the tens.



$$40 + 10 = 50$$

Add the ones.



$$7 + 5 = 12$$

Regroup
10 ones
as 1 ten.

Add the tens
and ones.



$$60 + 2$$

$$47 + 15 = 62$$

When you add, sometimes you
regroup 10 ones as 1 ten. Then
you add the tens and ones.

Math is... **Explaining**

When do you regroup
ones as tens?

Work Together

What is the sum?

$$28 + 54 = \underline{\quad}$$

On My Own



Name _____

What is the sum? Draw tens and ones to show your thinking.

1. $28 + 12 =$ _____

2. $14 + 19 =$ _____

What is the sum?

3. $15 + 59 =$ _____

4. $39 + 23 =$ _____

5. $48 + 28 =$ _____

6. $37 + 58 =$ _____

7. **STEM Connection** Jordan feeds the horses for 25 minutes. He brushes the horses for 49 minutes. How many minutes does Jordan stay with the horses?



_____ minutes

8. **Extend Your Thinking** How do you know when to regroup when you add 2-digit numbers?

Reflect

How can you add 2-digit numbers with regrouping?

Math is... **Mindset**

What did you tell your classmates about your math story?

Unit Review

Name _____

Vocabulary Review

Use the vocabulary to complete each sentence.

2-digit number

digit

ones

open number line

regroup

tens

1. A _____ is a symbol used to write numbers.
2. You can _____ 10 ones as 1 ten.
3. This is an _____.

4. The number 54 has 4 _____.
5. A number with 2 digits is called a _____.
6. The number 38 has 3 _____.

Review

7. What is the sum? Show your thinking on the number line.

$$37 + 21 = \underline{\hspace{2cm}}$$

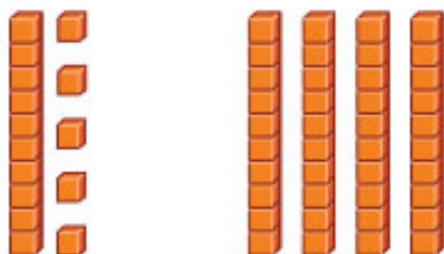


8. What is the sum?

$$24 + 10 = \underline{\hspace{2cm}}$$

9. What is the sum?

$$15 + 40 = \underline{\hspace{2cm}}$$



10. What is the sum? Draw to show your thinking.

$$21 + 7 = \underline{\hspace{2cm}}$$

11. What is the sum of $21 + 34$? Choose the correct answer.

A. 50

B. 51

C. 55

12. What is the sum? Show your thinking on the number line.

$$34 + 8 = \underline{\hspace{2cm}}$$



13. What is the sum? Draw to show your thinking.

$$23 + 49 = \underline{\hspace{2cm}}$$

14. What is the sum? Draw to show regrouping.

$$54 + 7 = \underline{\hspace{2cm}}$$

Performance Task

Paramedics help many people every day.

Part A: They help 22 people Monday and 37 people Tuesday. How many people do they help on the two days?

_____ people

Part B: On Wednesday they help 16 people before lunch. They help 9 people after lunch. How many people do they help on Wednesday?

_____ people

Part C: They help 34 people Thursday. They help 48 people Friday. How many people do they help on the two days?

_____ people

Reflect

What are some ways to add 2-digit numbers?

Unit 9

Fluency Practice

Name _____

Fluency Strategy

You can use doubles to add.

$$4 + 4 = ?$$



Count the dots. There are 8.

So, $4 + 4 = 8$.

1. How can you use doubles to add $2 + 2$?
Draw dots and explain.

Fluency Flash

What is the sum? Write the number.

2. $3 + 3 =$ _____



3. $5 + 5 =$ _____



Fluency Check

What is the sum or difference? Write the number.

4. $8 - 0 =$ _____

5. $1 + 1 =$ _____

6. $2 + 2 =$ _____

7. $10 - 2 =$ _____

8. $4 + 4 =$ _____

9. $10 - 4 =$ _____

10. $5 + 0 =$ _____

11. $10 - 7 =$ _____

12. $3 + 3 =$ _____

13. $9 - 0 =$ _____

Fluency Talk

How can you use doubles to add $1 + 1$?

How can you show $5 - 0 = 5$? Explain your work.

Glossary/Glosario

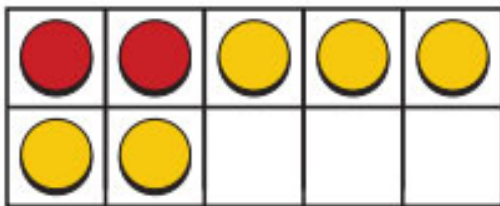
English

Spanish/Español

Aa

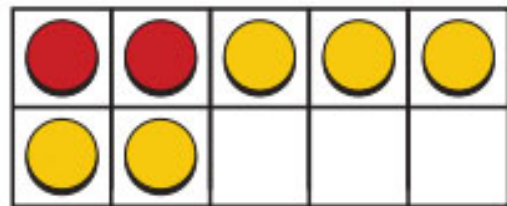
add (adding, addition) To join together sets to find the total or sum.

$$2 + 5 = 7$$



sumar (adición) Unir conjuntos para hallar el total o la suma.

$$2 + 5 = 7$$



addend Any numbers or quantities being added together.

$$\begin{array}{c} 2 + 3 \\ \uparrow \quad \uparrow \end{array}$$

2 is an addend and
3 is an addend

sumando Números o cantidades que se suman.

$$\begin{array}{c} 2 + 3 \\ \uparrow \quad \uparrow \end{array}$$

2 es un sumando y
3 es un sumando

analog clock A clock that has an hour hand and a minute hand.

minute hand



reloj analógico Reloj que tiene manecilla horaria y minutero.

minutero



Cc

circle A closed, round figure.**círculo** Figura redonda y cerrada.**closed shape** A shape that begins and ends at the same point.**figura cerrada** Figura que comienza y termina en el mismo punto.**column** A column goes up and down on a number chart.**columna** Una columna sube y baja en una tabla numérica.**compare** To look at objects, shapes, or numbers and see how they are alike or different.**comparar** Observar objetos, formas o números para saber en qué se parecen y en qué se diferencian.

English**Spanish/Español**

composite shape A figure made up of two or more shapes.

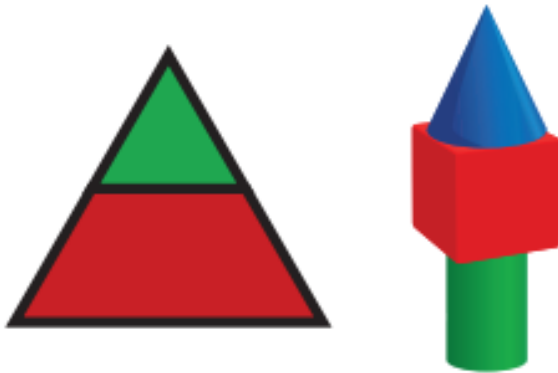
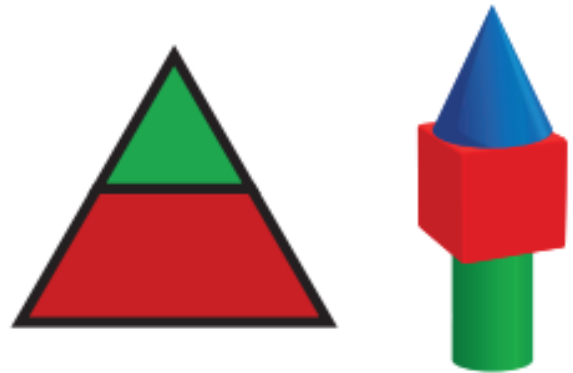
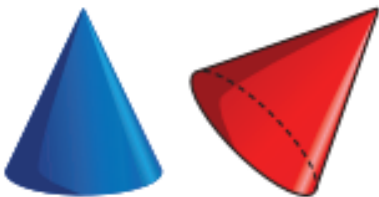


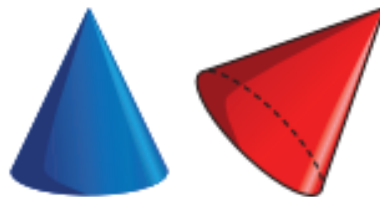
figura compuesta Figura formada por dos o más figuras.



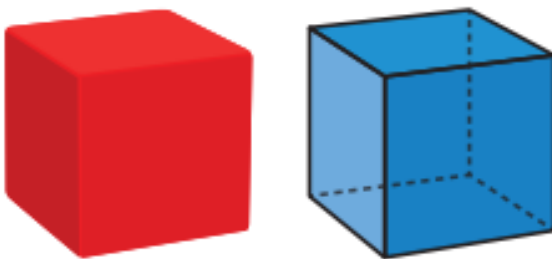
cone A 3-dimensional shape with 1 round base and 1 apex.



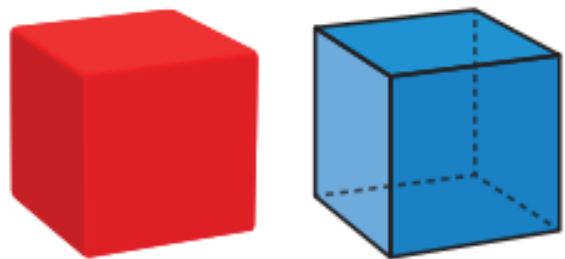
cono Figura tridimensional con una base redonda y un punto de unión.



cube A 3-dimensional shape with 6 square faces, 8 vertices, and 12 edges.



cubo Figura tridimensional con 6 caras cuadradas, 8 vértices y 12 bordes.



English

Spanish/Español

cylinder A 3-dimensional shape with 2 round faces and a curved surface.



cilindro Figura tridimensional con 2 caras redondas y una cara curva.



Dd

data Numbers or symbols collected to show information.

Name	Number of Pets
Mary	3
James	1
Alonzo	4

datos Números o símbolos que se reúnen para mostrar información.

Nombre	Número de mascotas
Mary	3
James	1
Alonzo	4

difference Subtracting one number from another number gives the difference.

$$3 - 1 = 2$$

The difference is 2.

diferencia Restando un número de otro número da la diferencia.

$$3 - 1 = 2$$

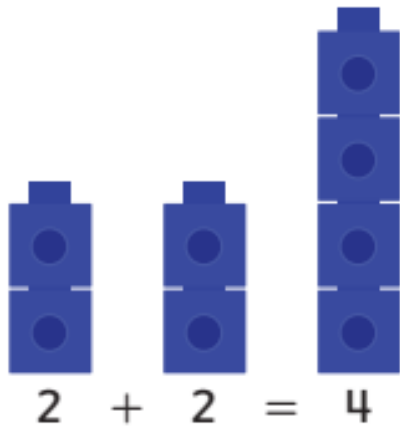
La diferencia es 2.

digit A symbol used to write numbers. The ten digits are: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.

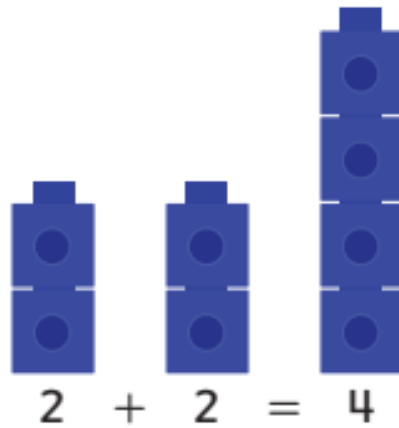
dígito Símbolo usado para escribir números. Los diez dígitos son: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.

English**Spanish/Español**

doubles Two addends that are the same number.



dobles Dos sumandos que son el mismo número.

**Ee**

edge The line where two sides or faces meet.



borde Línea donde dos lados o caras se unen.



equal shares Each share is the same size.

Example: This muffin is cut into 2 equal shares.



partes iguales Cada una de las partes tiene el mismo tamaño.

Ejemplo: Este pastelillo está cortado en 2 partes iguales.



English

Spanish/Español

equal sign (=) Having the same value as or is the same as.

$$2 + 4 = 6$$



equal sign

signo igual (=) Que tienen el mismo valor o son lo mismo.

$$2 + 4 = 6$$



signo igual

equal to (=)



$$6 = 6$$

6 is equal to or the same as 6

igual a (=)



$$6 = 6$$

6 es igual o lo mismo que 6

equation A number sentence that includes an equal sign.

$$5 + 7 = 12$$

ecuación Una oración numérica que incluye el signo igual.

$$5 + 7 = 12$$

Ff

face The flat part of a 3-dimensional figure.

Example: A square is a face of a cube.



← face

cara La parte plana de una figura tridimensional.

Ejemplo: Un cuadrado es la cara de un cubo.



← cara

fact family Addition and subtraction sentences that use the same numbers. Sometimes called *related facts*.

$$6 + 7 = 13 \quad 13 - 7 = 6$$

$$7 + 6 = 13 \quad 13 - 6 = 7$$

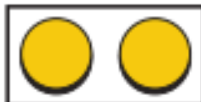
familia de operaciones

Enunciados de suma y resta que tienen los mismos números. Algunas veces se llaman *operaciones relacionadas*.

$$6 + 7 = 13 \quad 13 - 7 = 6$$

$$7 + 6 = 13 \quad 13 - 6 = 7$$

fewer Not as many or a smaller amount.



There are fewer yellow counters than red ones.

menos El número o grupo con menos.



Hay menos fichas amarillas que fichas rojas.

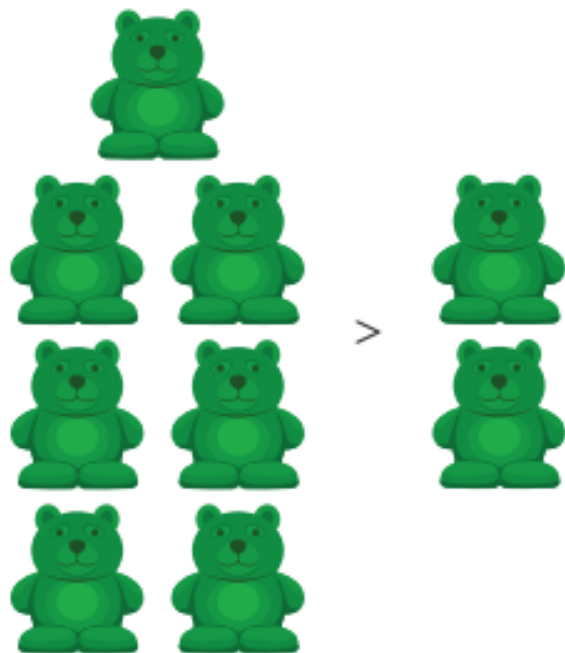
fourths Four equal parts of a whole. Each part is a fourth, or a quarter, of the whole.

cuartos Cuarto partes iguales de un todo. Cada parte es un cuarto, o la cuarta parte del todo.

Gg

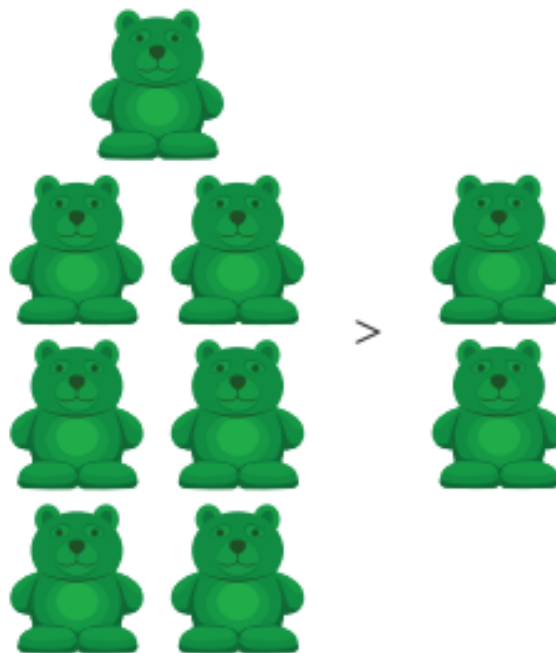
greater than (>) When an amount is larger than another amount.

Example: 7 is greater than 2 or $7 > 2$.



mayor que (>) Cuando una cantidad es más grande que otro.

Ejemplo: 7 es mayor que 2 o $7 > 2$.



Hh

half hour (or half past) One half of an hour is 30 minutes. Sometimes called *half past* or *half past the hour*.



media hora (o y media) Media hora son 30 minutos. A veces se dice *hora y media*.



halves Two equal parts of a whole. Each part is a half of the whole.

mitades Dos partes iguales de un todo. Cada parte es la mitad de un todo.

hexagon A 2-dimensional shape that has 6 sides.

hexágono Una figura bidimensional con 6 lados.



hour A unit of time.
1 hour = 60 minutes

hora Unidad de tiempo.
1 hora = 60 minutos



hour hand The hand on a clock that tells the hour. It is the shorter hand.

manecilla horaria Manecilla del reloj que indica la hora. Es la manecilla más corta.



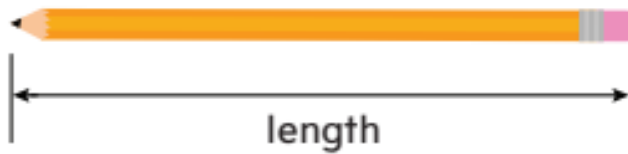
hour hand



manecilla horaria

LI

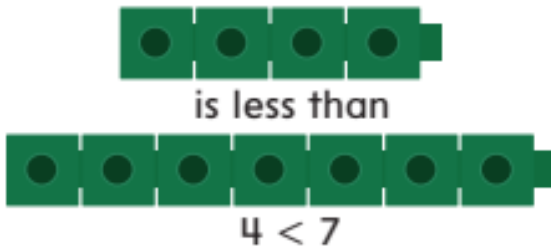
length How long or how far away something is.



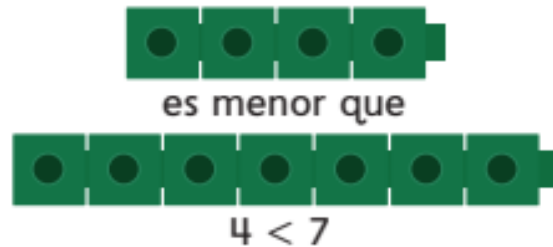
longitud La mayor de las dos dimensiones principales que tienen las cosas o figuras planas.



less than (<) 4 is less than 7.

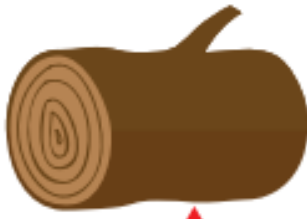


menor que (<) 4 es menor que 7.



English

long (longer, longest) A way to compare the lengths of objects.



↑
long



↑
longer



↑
longest

Spanish/Español

largo (más largo, el más largo) Forma de comparar la longitud de objetos.



↑
largo



↑
más largo



↑
el más largo

Mm

measure To find the length, height, or weight using standard or nonstandard units.

medir Hallar la longitud, estatura o peso mediante unidades estándar o no estándar.

minus (-) The sign used to show subtraction.

$$5 - 2 = 3$$



minus sign

menos (-) Signo que indica resta.

$$5 - 2 = 3$$



signo menos

minute A unit used to measure time.
1 minute = 60 seconds



minuto Unidad para medir tiempo.
1 minuto = 60 segundos



minute hand The longer hand on a clock that tells the minutes.

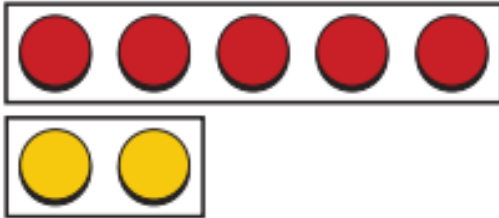


minutero La manecilla más larga del reloj que indica los minutos.



English

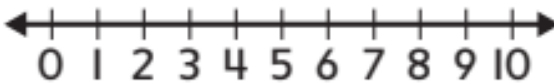
more A larger or greater amount.



There are more red counters than yellow ones.

Nn

number line A line with number labels.



Oo

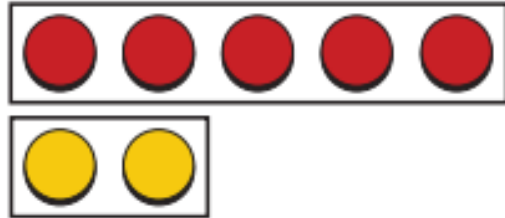
one-fourth One of 4 equal shares.



one-fourth shaded

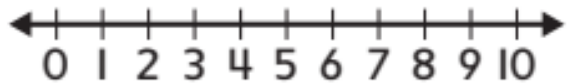
Spanish/Español

más Una cantidad mayor o más grande.



Hay más fichas rojas que amarillas.

recta numérica Recta con marcas de números.



un cuarto Una de 4 partes iguales.



un cuarto sombreado

English**Spanish/Español**

one-half One of 2 equal shares.



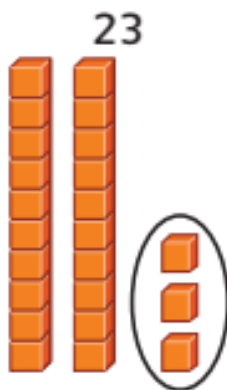
one-half shaded

mitad Una de 2 figuras iguales.



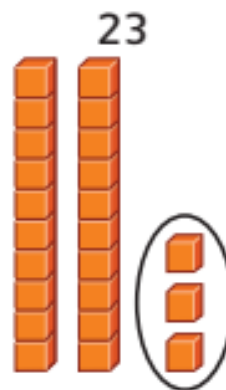
una mitad sombreada

ones The numbers in the range of 0–9. It is the place value of a number.



This number has 3 ones.

unidades Los números en el rango de 0 a 9. Es el valor posicional de un número.



Este número tiene 3 unos.

open shape A figure not connected at one or more points.

figura abierta Figura que no está unida en uno o más puntos.

Pp

pattern An order that a set of objects or numbers follows over and over.



pattern unit

patrón Orden que sigue continuamente un conjunto de objetos o números.



unidad de patrón

picture graph A graph that has different pictures to show information collected.



gráfica con imágenes Gráfica que tiene diferentes imágenes para ilustrar la información recopilada.



place value The value given to a digit by its place in a number.

65
6 tens
5 ones

valor posicional Valor de un dígito según el lugar en el número.

65
6 decenas
5 unidades

plus (+) The sign used to show addition.

$$4 + 5 = 9$$

plus sign

más (+) Símbolo para mostrar la suma.

$$4 + 5 = 9$$

signo más

Rr

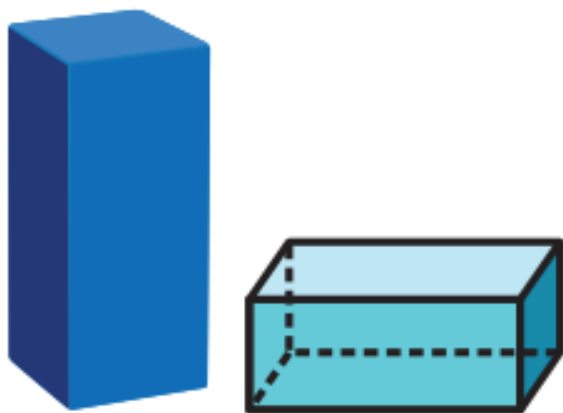
rectangle A shape with 4 straight sides and 4 vertices.



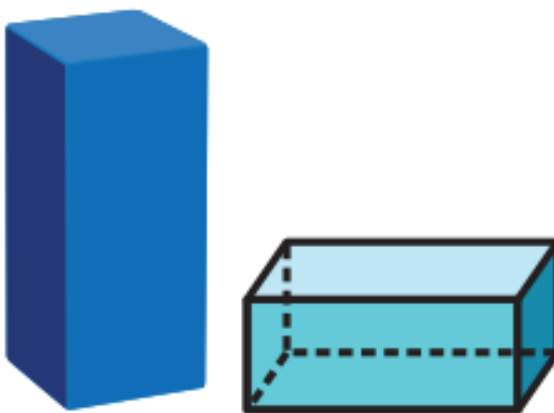
rectángulo Figura con 4 lados y 4 esquinas.



rectangular prism A 3-dimensional shape with 6 faces, 8 vertices, and 12 edges.



prisma rectangular Figura tridimensional con 6 caras, 8 esquinas y 12 bordes.



related fact(s) Basic facts using the same numbers. Sometimes called a *fact family*.

$$\begin{array}{l} 6 + 4 = 10 \quad 10 - 6 = 4 \\ 4 + 6 = 10 \quad 10 - 4 = 6 \end{array}$$

operaciones relacionadas Operaciones básicas en las cuales se usan los mismos números. También se llaman familias de operaciones.

$$\begin{array}{l} 6 + 4 = 10 \quad 10 - 6 = 4 \\ 4 + 6 = 10 \quad 10 - 4 = 6 \end{array}$$

row A row goes left to right on a number chart.

fila Una fila se lee de izquierda a derecha en una tabla numérica.

Ss

short (shorter, shortest) To compare length or height of two (or more) objects.



↑
short



↑
shorter

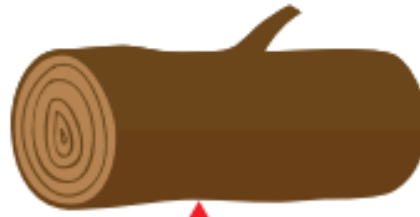


↑
shortest

corto (más corto, el más corto) Comparar la longitud o la altura de dos (o más) objetos.



↑
corto

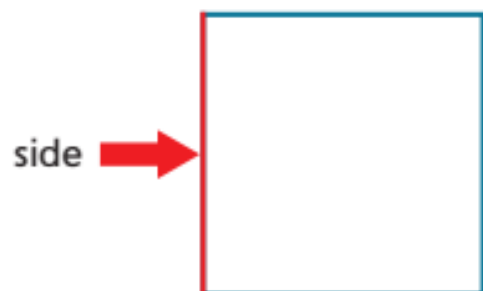


↑
más corto

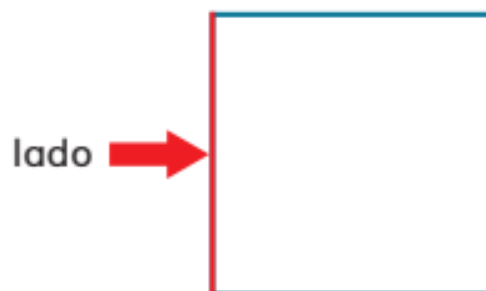


↑
el más corto

side One of the lines that make up a shape.



lado Uno de la líneas que compone una figura.



sphere A solid shape that has the shape of a round ball.



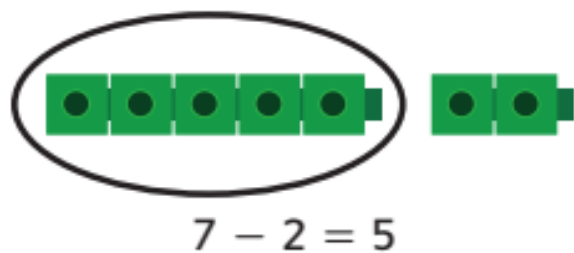
esfera Figura sólida con la forma de una pelota redonda.



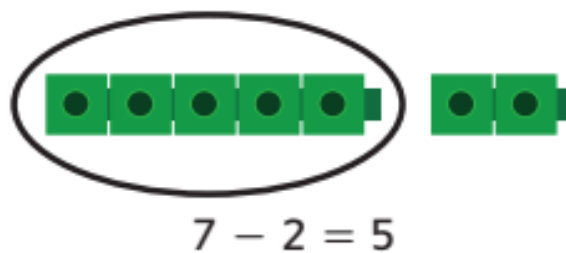
square A rectangle that has 4 equal sides.

cuadrado Rectángulo que tiene 4 lados iguales.

subtract (subtracting, subtraction) To take away, take apart, separate, or find the difference between two sets. The opposite of addition.



restar (resta, sustracción) Eliminar, quitar, separar o hallar la diferencia entre dos conjuntos. Lo opuesto de la suma.



English

Spanish/Español

sum Adding two or more numbers gives the sum.

$$2 + 4 = 6$$

↑
sum

suma Sumando dos o más números da la suma.

$$2 + 4 = 6$$

↑
suma

Tt

tally mark(s) A mark used to record data collected in a survey.



marca(s) Símbolo usado para anotar datos de una encuesta.



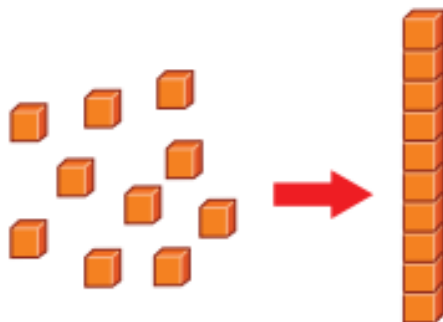
teen number A number that is 1 group of ten and some ones.

Example: 12

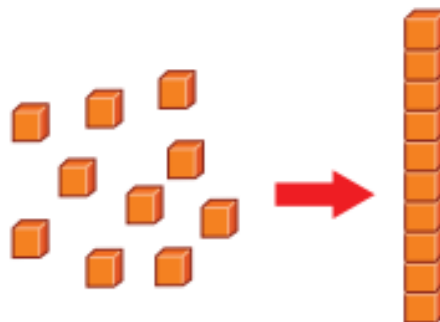
números del 11 al 19 Un número formado por una decena y algunas unidades.

Ejemplo: 12

ten One group of 10 ones is 1 ten.

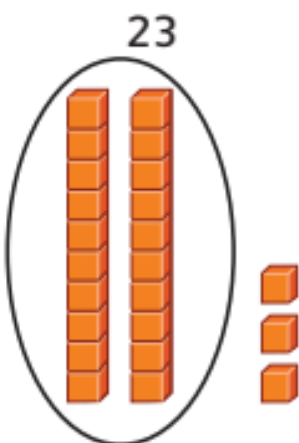


decena Un grupo de 10 es una decena.



tens A place value of a number.

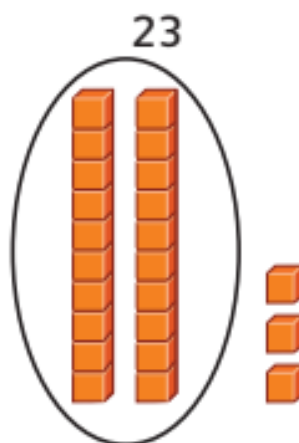
Example: In the number 23, the 2 is in the tens place.



This number has 2 tens.

decenas El valor posicional de un número.

Ejemplo: En el número 23, el 2 está en el lugar de las decenas.



Este número tiene 2 decenas.

triangle A shape with 3 sides.



trapecio Figura con 3 lados.



Uu

unit An object used to measure.



unidad Objeto que se usa para medir.



English**Spanish/Español**

unknown A missing number in an equation.

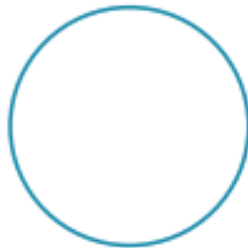
$$9 + ? = 10$$

incógnita El número que falta en una ecuación.

$$9 + ? = 10$$

Ww

whole The entire object.



el todo El objeto completo.

