

Mindful MATH

Proud to Be Primary

Subtraction to 10



Kindergarten Comprehensive Math Curriculum

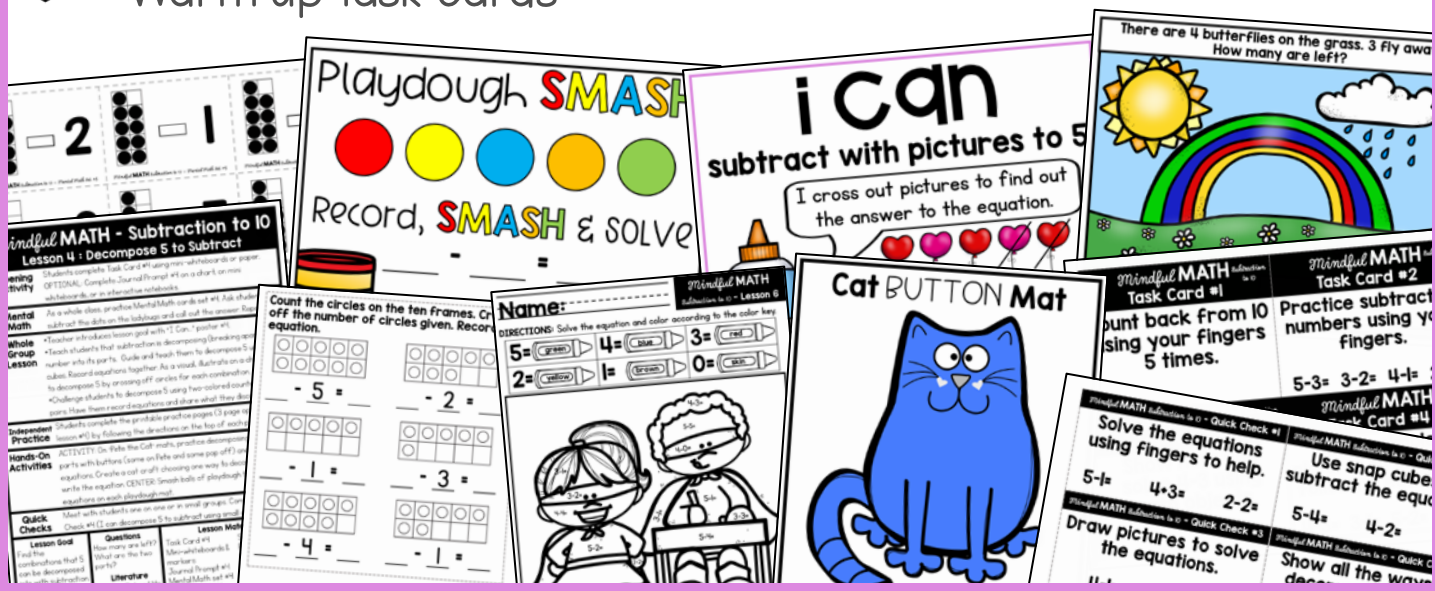
Mindful MATH



Subtraction to 10

What is Included in this Comprehensive Unit:

- ♥ A month's worth of instruction
- ♥ Standard-based lessons
- ♥ 10 detailed lesson plans
- ♥ Differentiated practice worksheets
- ♥ Warm-up task cards
- ♥ Mental Math flash cards
- ♥ Math journal prompts
- ♥ Math games
- ♥ Math centers
- ♥ Summative Assessment: Quick Check task cards



Mindful MATH



Subtraction to 10

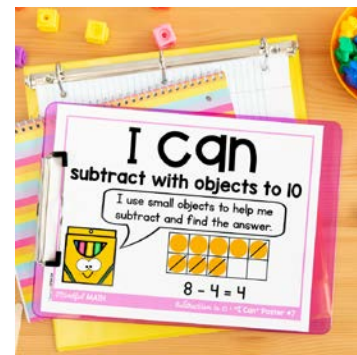
What's included in this 225+ page unit:

Detailed Lesson Plans

Booklists

Posters & Materials

Mindful MATH - Subtraction to 10			
Lesson 2 : Subtracting with Objects within 5			
Opening Activity	Students complete Task Card #2 using fingers to subtract. QFT/DNA, Complete Journal Prompt #2 on a card to use with the book or with the book.		
Mental Math	As a class, graphically Mindful Math cards set #2. Have students lay up on paper and flash the number to be subtracted from. Student:		
Whole Group Lesson	Teacher introduces lesson goal with "I Can" poster #2. Each student to subtract within 5 using a Five Frame and counters. Ask them to show number to 5 on the Five Frame and write it below. Ask them to take away counter(s) amount that is less than 5 and write that number to the right of the previous. Note ask them how many are left (count) and write that number below to the right. Tell them that they solved an "subtraction equation." Show them how to record an equation using a "+" and "=" sign and what they mean. They write it. Repeat with a new equation.		
Independent Practice	Students complete the printable practice pages (3 page options for Practice) lesson #2 by following the directions on the top of each page.		
Hands-On Activities	CENTER #1 Place and take away objects on the Five Frame and solve the equations. CENTER #2 Cross off and/or use counters on Five Frame cards to take the subtraction equations. Record answers.		
Quick Checks	Meet with students one on one or in small groups. Complete Quick Check #1-2 on cards to subtract within 5 using small objects.		
Lesson Goal	Questions	Task Card #2	Lesson Materials
Connect to subtract within 5 using math objects and tools.	How do you know if the many are left? What is the remaining number?	Journal Prompt #2, Complete page Mindful Math set #2, Five Frame card #2, Card #2, Quick Check #2, Five Frames	Practice pages, Mindful Math set #2, Five Frames, Counters, Five Frames
Vocabulary	Literature		
Subtract equations, minus, equal	Heart's Home, Subtraction Book by Margaret Wang		



Task Cards

Math Journals

Mental Math Cards



Mindful MATH



Subtraction to 10

What's included in this 225+ page unit:

Worksheets



Story Book



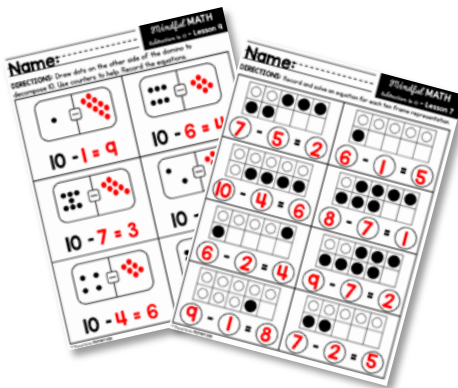
Hands-On Activities



Assessments



Answer Keys

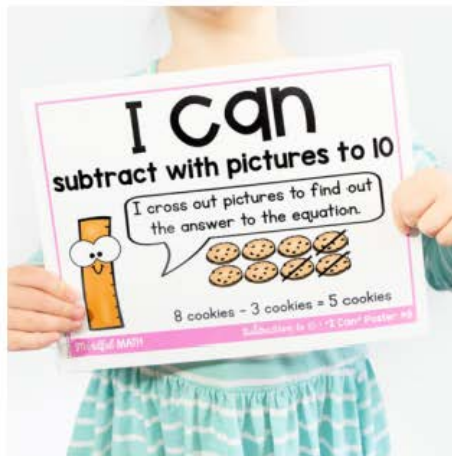


Centers



This Mindful MATH unit covers

- ♥ Acting out to subtract
- ♥ Subtract with fingers
- ♥ Subtract with pictures within 5 and 10
- ♥ Subtract with pictures within 5 and 10
- ♥ Word problems
- ♥ Decomposing numbers
- ♥ Subtraction fluency & mental math



Mindful MATH

HAS WHAT TEACHERS LOVE!

- This ONE math curriculum unit is all you need to teach this math concept and meet the standards.
- Use the lesson and follow-up activities to cover your math block each week.
- The unit easily extends to an entire month of instruction.
- It covers standards and skills that Kindergarten students need to learn before First Grade!
- It saves you time as the planning is done for you!
- Make math FUN with a variety of activities.
- Keep kids engaged and help them build important math skills and fluency!
- You will have ALL the materials you need to successfully teach (with no need to supplement)!



Teachers Love Mindful MATH

Proud to Be Primary

Olivia P. 



Wow!! The students grasped subtraction so well with the use of this unit. I plan to continue using your units thanks so much for this useful tool.

Our math units are enjoyed in thousands of classrooms worldwide!

Mindful MATH



See a Lesson Plan Up-Close

Quick, independent warm-up activities.

Mental math cards help build fluency.

Lesson can be easily broken down into mini-lessons and small-group instruction.

Use the lesson goal to guide the lesson.

Teach important math vocabulary.

Mindful MATH - Subtraction to 10		
Lesson 2 : Subtracting with Objects within 5		
Opening Activity	Students complete Task Card #2 using fingers to subtract. OPTIONAL: Complete Journal Prompt #2 on a chart, on mini whiteboards, or in interactive notebooks.	
Mental Math	As a class, practice Mental Math cards set #2. Have students line up in pairs and flash the hand cards to see who can subtract them fastest.	
Whole Group Lesson	<ul style="list-style-type: none"> *Teacher introduces lesson goal with "I Can..." poster #2. *Teach students to subtract within 5 using ten frames and counters. Ask them to show a number within 5 on the ten frame and write it below. Ask them to take away objects (an amount that is less than 5) and write that number to the right of the ten frame. Now ask them how many are left (count) and write that number beside to the right. Tell them that they solved a subtraction equation. Show them how to record an equation using a minus sign and what they mean. They write it. Repeat with more examples. 	
Independent Practice	Students complete the printed practice pages (3 page options for lesson #2) by following the directions on the top of each page.	
Hands-On Activities	CENTER #1: Place and take away objects on the train cards. Record and solve the equations. CENTER #2: Cross off and/or use counters on five frame cards to solve subtraction equations. Record answers.	
Quick Checks	Meet with students one-on-one or in small groups. Complete Quick Check #2 (I can correctly subtract within 5 using small objects.)	
Lesson Goal	Quick Questions	Lesson Materials
Correctly subtract within 5 using math objects and tools.	How many are left? What is the answer/equation?	Task Card #2 Journal Prompt #2 Mental Math set #2 "I Can" Poster #2 Five frames Counters Snap cubes Practice pages Cube train cards Five frame cards Quick Check #2
Vocabulary	Literature	
subtract, equation, equal	Hershey's Subtraction Book by Jerry Pallotta	

Lessons for the whole group include teacher part and student practice of skills.

Differentiated practice pages build understanding of concepts.

Hands-on math activities, games, and centers build math fluency.

Two assessment options included.

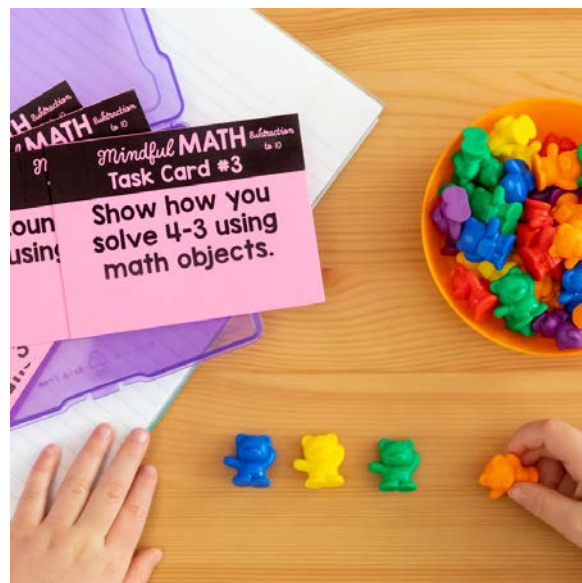
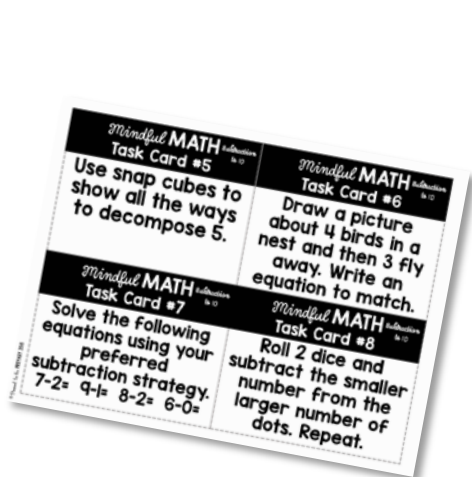
Helpful literature connection.

Mindful MATH



Warm-Up Task Cards

Task cards are a great warm-up to your math block. They provide a fun way to review and practice the skills taught in the lessons. Have students work independently, with a partner, or as a group to complete a quick math task using math manipulatives. Simply provide the prompt or task cards to get started!



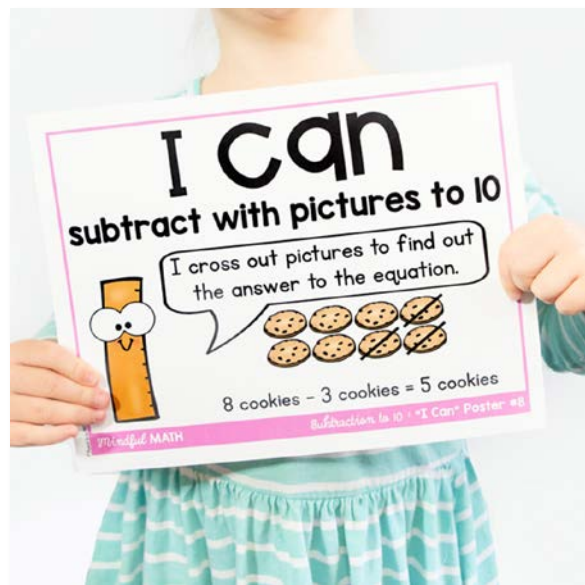
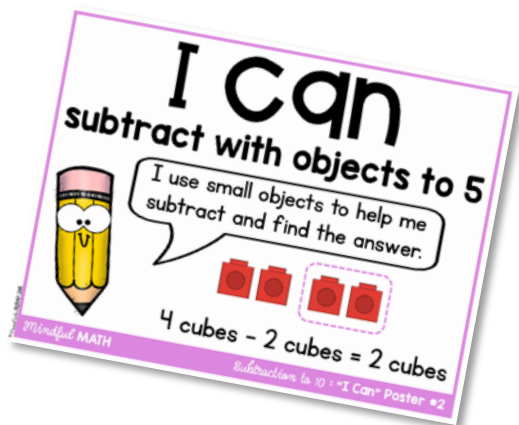
Mindful MATH



“I Can” Posters

“I Can” posters are included for every lesson in this unit.

They clearly describe and illustrate the mathematical concept in the lesson. They are helpful to lead your lesson and as a visual reminder for students. Read the prompts to students, discuss, and then replicate the examples together.

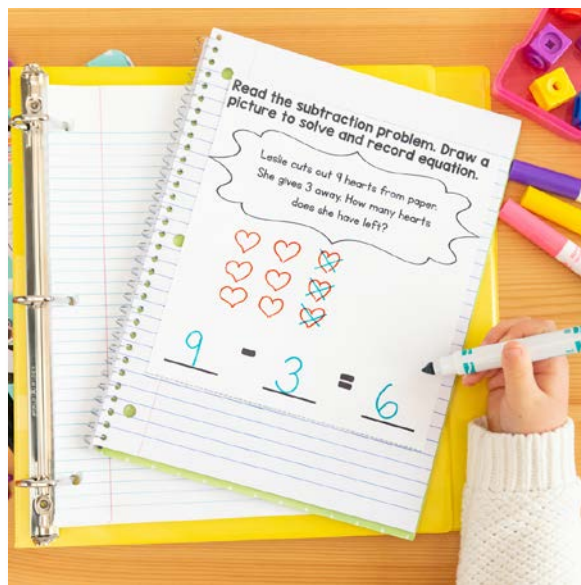
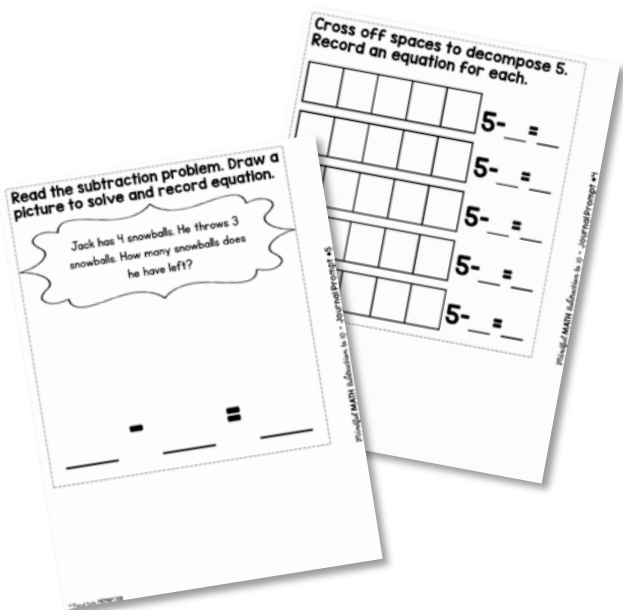


Mindful MATH



Math Journals

After each lesson, provide each student with a math journal prompt to review the concept taught. Have students complete the math journal prompt independently and show their work and understanding in a notebook. No more coming up with engaging prompts; these are done for you!

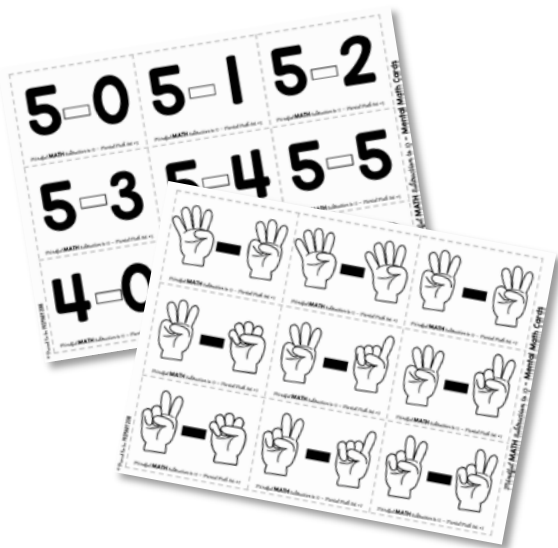


Mindful MATH



Mental Math Flashcards

Mental Math flashcards help build a child's mental math ability and fact fluency. Each lesson includes a creative way to use the cards, such as games, fact recall, and student call-out activities. These cards are also great to use as independent and small group review. Simply put them in a box for students to grab!

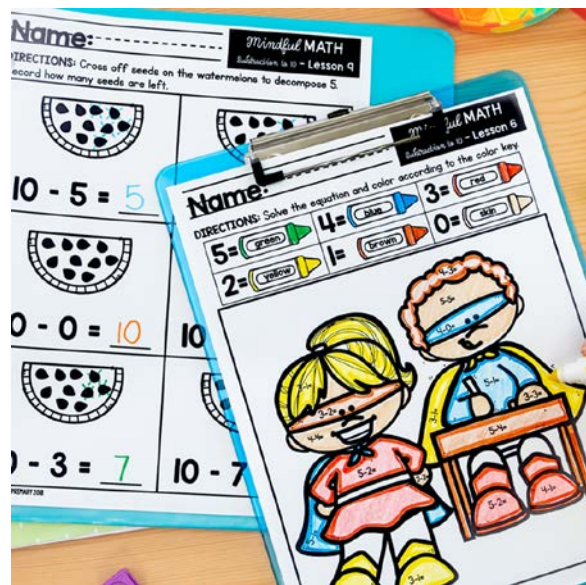
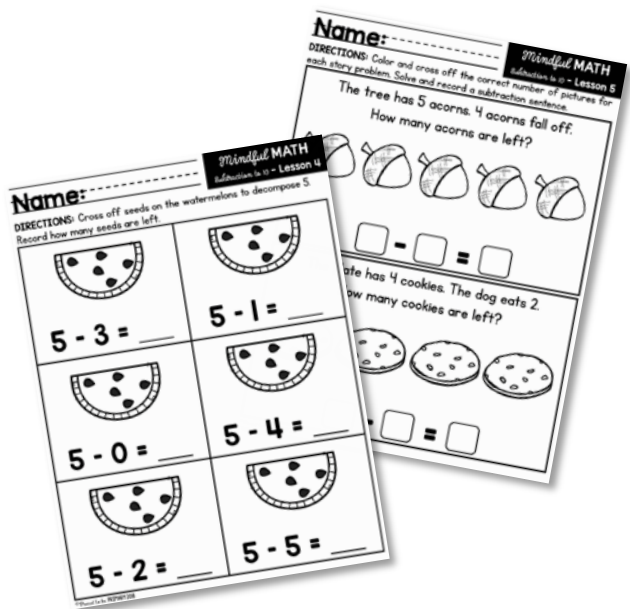


Mindful MATH



Practice Worksheets

Each lesson includes differentiated worksheets for your students to practice their math skills. Select the no-prep worksheets you wish for your students to complete, and then assign. These versatile pages are engaging, straightforward, and fun to complete.



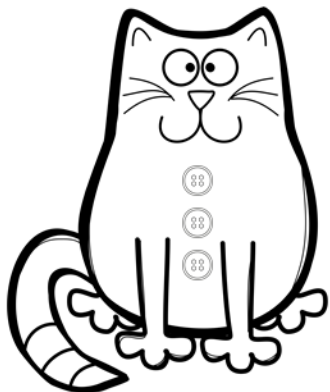
Name: _____

DIRECTIONS: Solve the equation and color according to the color key.

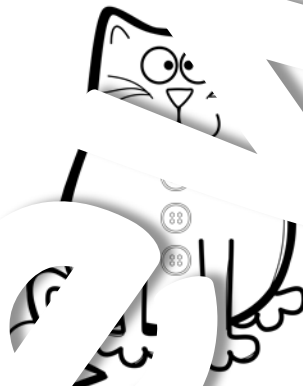


Name: _____

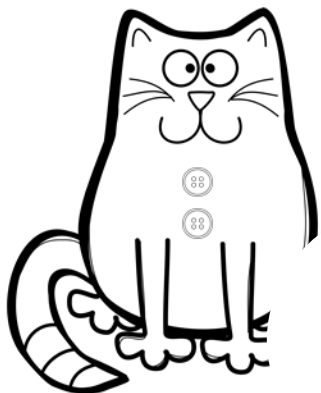
DIRECTIONS: Record a subtraction equation to represent the buttons on the cat.



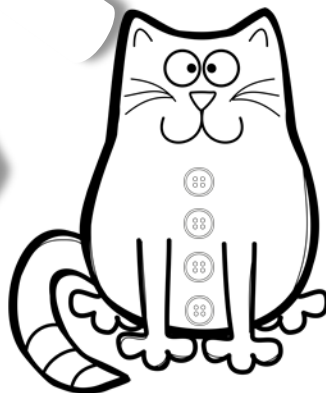
_____ - _____ = _____



_____ - _____ = _____



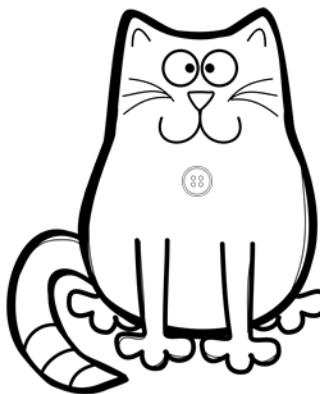
_____ - _____ = _____



_____ - _____ = _____



_____ - _____ = _____



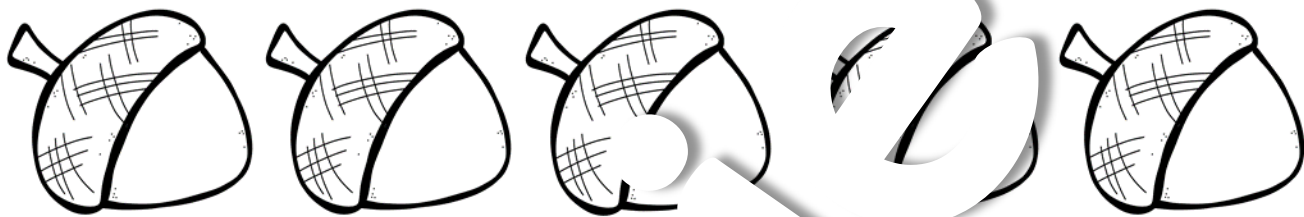
_____ - _____ = _____

Name: _____

DIRECTIONS: Color and cross off the correct number of pictures for each story problem. Solve and record a subtraction sentence.

The tree has 5 acorns. 4 acorns are eaten.

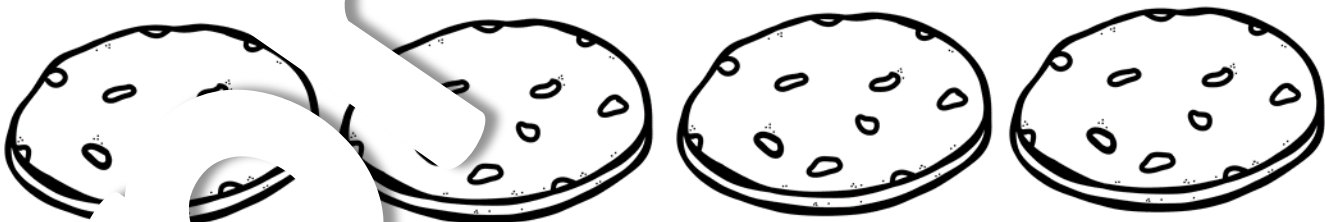
How many acorns are left?



$$\square - \square = \square$$

The plate has 5 cookies. The dog eats 2.

How many cookies are left?



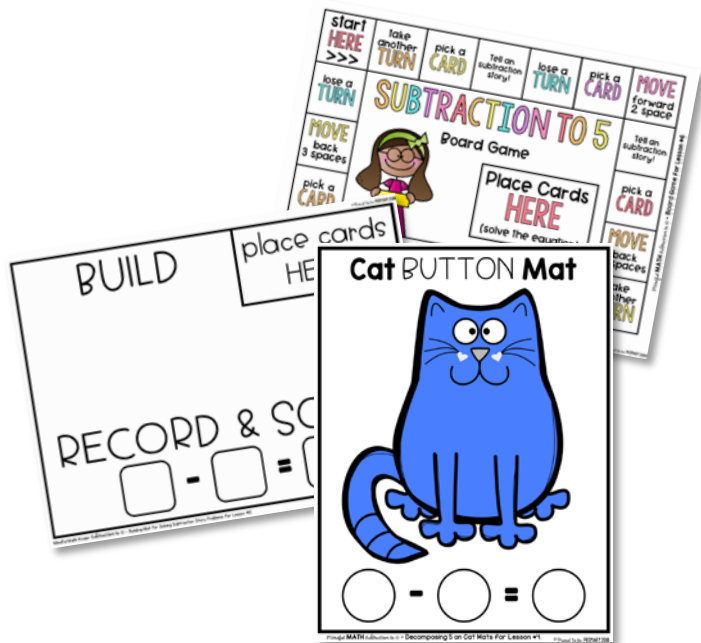
$$\square - \square = \square$$

Mindful MATH



Math Centers & Games

There are a variety of fun and engaging math activities included for every lesson. These hands-on activities encourage focused math practice. They are great for small groups, partner games, and math centers. You will have the materials and instructions to implement the activities quickly and easily!

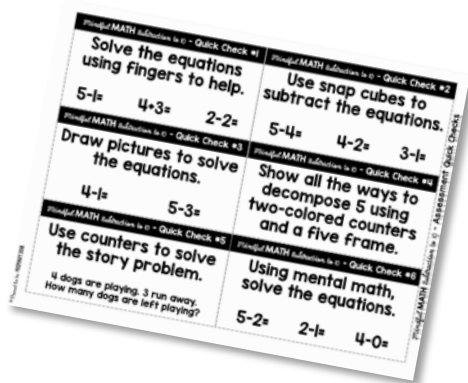


Mindful MATH



Math Assessments

There is a Quick Check summative assessment task card included for every lesson. Use the Quick Checks as a short activity for individuals or small groups to complete and show their understanding, while you observe and take note. Note: There are no printable tests included, however the practice worksheets can also work as assessments.



Teachers Love Mindful MATH

Proud to Be Primary

Natalie E.



My students loved this resource! The activities are very engaging and students really dive deep into the content to promote mastery. This is a resource I would highly recommend!

Our math units are enjoyed in thousands of classrooms worldwide!

A child's hand is shown writing the equation $10 - 3 = 7$ on a white card. The card features a colorful illustration of a yellow and green striped shape above the equation. The numbers 10, 3, and 7 are written in blue, while the minus and equals signs are in black. The card is placed on a wooden desk with other educational materials visible in the background.
$$10 - 3 = 7$$

Mindful MATH

aligns to the standards

- K.O.A.A.1
- K.O.A.A.2
- K.O.A.A.3
- K.O.A.A.5

This unit aligns to Kindergarten Common Core standards and other state and Canadian standards.

Use it to teach the standards in the U.S. and Canada.

Time: _____

Directions: Cross off seeds on the watermelons to decompose 5.
How many seeds are left?

Mindful MATH
Subtraction to 10 - Lesson 4

Name: _____

Mindful MATH
Subtraction to 10 - Lesson 6

DIRECTIONS: Solve the equation and color according to the color key.

5 = <u>green</u>	4 = <u>blue</u>	3 = <u>red</u>
2 = <u>yellow</u>	1 = <u>brown</u>	0 = <u>skin</u>

5 = 5

10

10

7

10 - 7

3-1=

3-2=

4-4=

5-2=

2-2=

4-2=

3-1=

4-3=

5-5=

4-0=

3-1=

5-1=

3-3=

5-4=

5-2=

4-1=

© Proud to be PRIMARY 2017

Mindful MATH - Subtraction to 10

Overview

Correlated to the United States Common Core Standards for Kindergarten

Lesson 1	Acting out to subtract & subtract small numbers with fingers	K.OA.A.1
Lesson 2	Subtracting with objects within 5	K.OA.A.1
Lesson 3	Subtracting with pictures within 5	K.OA.A.1
Lesson 4	Decomposing numbers within 5 into pairs	K.OA.A.3
Lesson 5	Solving subtraction word problems within 5	K.OA.A.2
Lesson 6	Building subtraction fluency and mental math within 5	K.OA.A.5
Lesson 7	Subtracting with objects within 10	K.OA.A.1
Lesson 8	Subtracting with pictures within 10	K.OA.A.1
Lesson 9	Decomposing numbers within 10 into pairs	K.OA.A.3
Lesson 10	Solving subtraction word problems within 10	K.OA.A.2

Mindful MATH - Subtraction to 10

Overview

Correlated to British Columbia, Canada's BIG Ideas for Kindergarten

Lesson 1	Acting out to subtract & subtract small numbers with fingers	decomposition; change in quantity to 10
Lesson 2	Subtracting with objects within 5	decomposition; change in quantity to 10
Lesson 3	Subtracting with pictures within 5	decomposition; change in quantity to 10
Lesson 4	Decomposing numbers within 5 into pairs	decomposition; change in quantity to 10
Lesson 5	Solving subtraction word problems within 5	decomposition; change in quantity to 10
Lesson 6	Building subtraction fluency and mental math within 5	decomposition; change in quantity to 10
Lesson 7	Subtracting with objects within 10	decomposition; change in quantity to 10
Lesson 8	Subtracting with pictures within 10	decomposition; change in quantity to 10
Lesson 9	Decomposing numbers within 10 into pairs	decomposition; change in quantity to 10
Lesson 10	Solving subtraction word problems within 10	decomposition; change in quantity to 10

Mindful MATH - Subtraction to 10

Overview

Correlated to Ontario, Canada's Kindergarten Math Curriculum

Lesson 1	Acting out to subtract & subtract small numbers with fingers	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting
Lesson 2	Subtracting with objects within 5	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting
Lesson 3	Subtracting with pictures within 5	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting
Lesson 4	Decomposing numbers within 5 into pairs	15.9: decompose quantities to 10
Lesson 5	Solving subtraction word problems within 5	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting
Lesson 6	Building subtraction fluency and mental math within 5	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting
Lesson 7	Subtracting with objects within 10	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting
Lesson 8	Subtracting with pictures within 10	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting
Lesson 9	Decomposing numbers within 10 into pairs	15.9: decompose quantities to 10
Lesson 10	Solving subtraction word problems within 10	15.10: investigate subtraction in everyday experiences through modelling strategies, manipulatives, & counting

How to Teach **math** Easily & Effectively

With Elyse from Proud to Be Primary

Learn about teaching math
effectively in K-2 in our
FREE e-course.
CLICK to join!



Learn How to Teach
MATH
Effectively in K-2

FREE lessons
& activities
With Proud to Be Primary

Mindful **MATH** Curriculum for K-2



Click the images to see the Mindful Math curriculum
BUNDLES with **EVERYTHING** you need for the whole year!

Want a FREE Sample of Mindful MATH?



SIGN UP TO GET A MINDFUL MATH LESSON & MATERIALS FOR FREE!



I'd love for you to try a sample of Mindful Math with your students to see if it is a perfect fit for you and your students!

[CLICK HERE TO GRAB YOUR FREE SAMPLE!](#)

Why

Proud to Be Primary

Mindful MATH

BACKGROUND

The Mindful Math curriculum incorporates focused math learning opportunities and many components within each unit. The activities are hands-on and mind-on, meaning students are actively working on math and engaging their minds. Mindful Math lessons encourage different ways of thinking and representing math concepts.

Mindful Math includes a variety of thoughtful lessons and activities to help meet the needs of learners and their learning styles. Students will have many opportunities to learn, practice, and review new strategies and develop math fluency through whole group warm-ups and lessons, mental math, journals, centers, games, and assessments.

Mindful Math was created to give teachers a comprehensive math curriculum that engages minds and leaves students knowledgeable and fluent in math concepts. The curriculum aligns to the U.S. Common Core standards, the Canadian math curriculums in B.C. and Ontario, as well as many other math curriculums around the world.

Proud to Be Primary