



WINTER BREAK LEARNING PACKET

MATH

1ST GRADE STUDENT

DEC 22ND – JAN 5TH

DEPARTMENT OF CURRICULUM & INSTRUCTION

Memphis-Shelby County Schools offers educational and employment opportunities without regard to race, color, religion, sex, creed, age, disability, national origin, or genetic information.

Hello MSCS Family,

This resource packet was designed to provide students with activities that can be completed at home independently or with the guidance and supervision of family members or other adults. The activities are aligned with the TN Academic Standards for Mathematics and will provide additional practice opportunities for students to develop and demonstrate their knowledge and understanding.

A suggested pacing guide is included; however, students can complete the activities in any order over the course of several days. Below is a table of contents which lists each activity.

Table of Contents

Activity	Page Number	Suggested Pacing
Missing Addend Number Bonds	3	Week 1
Counting On Match	6	Week 2
Answer Key	9	Week 1 & 2

Week 1: Missing Addend Number Bonds	
Grade Level Standard(s)	<p>1.OA.B.4 Understand the relationship between addition and subtraction by representing subtraction as an unknown-addend problem.</p> <p>For example, to solve $10 - 8 = \underline{\quad}$, a student can use $8 + \underline{\quad} = 10$.</p>
Caregiver Support Option	<p>The student may use a sibling or a guardian as a partner. For additional support, have the student access the video link below by logging into iReady from their Clever account.</p> <p>Video 1 Video 2</p>
Materials Needed	9 counters, Recording Sheet
Question(s) to Explore	How can adding help you subtract?

**Check Understanding**

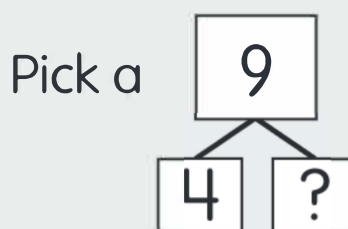
What addition equation helps you solve $8 - 5$?

Missing Addend Number Bonds**What You Need**

- 9 counters
- Recording Sheet

What You Do

1. Take turns. Pick a number bond on the **Recording Sheet**.
2. Solve the addition equation.
3. Your partner uses the addition equation to solve the subtraction equation.
4. Use counters to check your partner's answer.

Example

Solve the addition.

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

Use the addition to subtract.

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

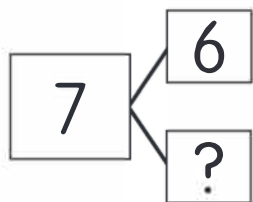
Go Further!

Pick a number bond. Tell an addition story and a subtraction story for your equations.



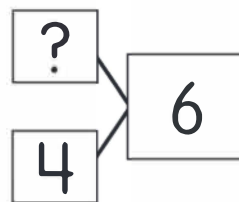
Missing Addend Number Bonds

Find the Missing Number



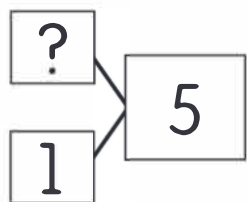
$$6 + \underline{\quad} = 7$$

$$7 - 6 = \underline{\quad}$$



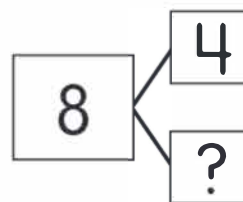
$$\underline{\quad} + 4 = 6$$

$$6 - 4 = \underline{\quad}$$



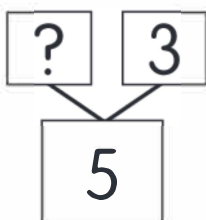
$$\underline{\quad} + 1 = 5$$

$$5 - 1 = \underline{\quad}$$



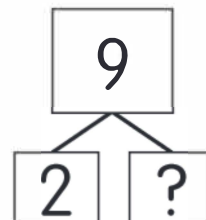
$$4 + \underline{\quad} = 8$$

$$8 - 4 = \underline{\quad}$$



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

$$\underline{\quad} = 5 - 3$$



$$9 = 2 + \underline{\quad}$$

$$\underline{\quad} = 9 - 2$$

Week 2: Counting On Match	
Grade Level Standard(s)	1.OA.C.5 Add and subtract within 20 using strategies such as counting on, counting back, making 10, related known facts, and composing/decomposing numbers with an emphasis on making ten (e.g., $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$ or adding $6 + 7$ by creating the known equivalent $6 + 4 + 3 = 10 + 3 = 13$ OR $6 + 6 + 1 = 12 + 1$).
Caregiver Support Option	<p>The student may use a sibling or a guardian as a partner. For additional support, have the student access the video link below by logging into iReady from their Clever account.</p> <p>Video 1 Video 2</p>
Materials Needed	Recording Sheet
Question(s) to Explore	How can counting on help you add?

**Check Understanding**

Show how you can
count on to find
 $7 + 2$.

Counting On Match**What You Need**

- Recording Sheet

What You Do

1. Take turns. Pick a model on the **Recording Sheet**. Tell a word problem.
2. Draw a line from the model to the equation.
3. Your partner solves the problem and fills in the equation.
4. Check your partner's answer.



3 balls and 2 balls.

How many balls in all?

I can count on.

3, then 4, 5.

$$3 + 2 = 5$$

5 balls in all.

**Go Further!**

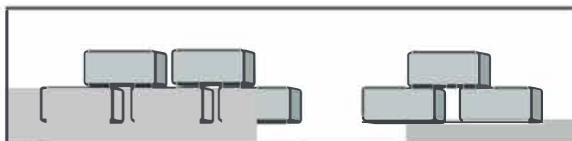
Pick an equation on the **Recording Sheet**. Tell a different word problem. Have your partner solve the problem. Check your partner's answer.



Counting On Match

Model

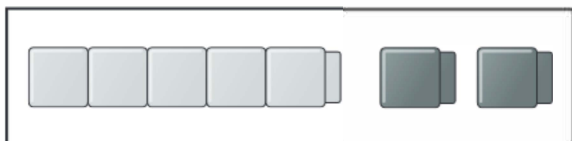
Equation



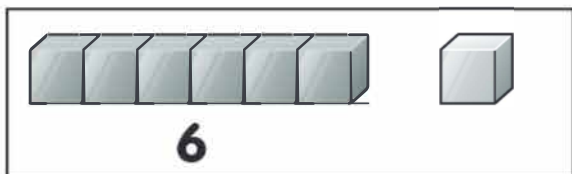
$$\underline{\hspace{2cm}} = 5 + 2$$



$$6 + 3 = \underline{\hspace{2cm}}$$



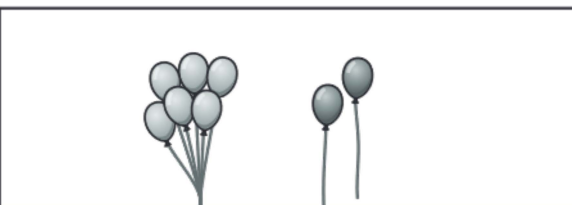
$$5 + 3 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} = 6 + 2$$



$$6 + 1 = \underline{\hspace{2cm}}$$



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

Answer Key

Missing Addend Number Bonds



Check Understanding

$$5 + ? = 8 \text{ or } 5 + 3 = 8$$

Recording Sheet

Row 1: $6 + 1 = 7$, $7 - 6 = 1$; $2 + 4 = 6$, $6 - 4 = 2$

Row 2: $4 + 1 = 5$, $5 - 1 = 4$; $4 + 4 = 8$, $8 - 4 = 4$

Row 3: $5 = 2 + 3$, $2 = 5 - 3$; $9 = 2 + 7$, $7 = 9 - 2$

Counting On Match



Check Understanding

Start with 7 and count on 2 more: 7, 8, 9. $7 + 2 = 9$

Recording Sheet

Model	Equation
	$\underline{\quad 7 \quad} = 5 + 2$
	$6 + 3 = \underline{\quad 9 \quad}$
	$5 + 3 = \underline{\quad 8 \quad}$
	$\underline{\quad 8 \quad} = 6 + 2$
	$6 + 1 = \underline{\quad 7 \quad}$
	$7 + 2 = \underline{\quad 9 \quad}$