

Strategies
To
Achieve
Mathematics
Success

Name _____



TABLE OF CONTENTS

Addition and Subtraction

Lesson 1	Understand Addition and Subtraction	4
Lesson 2	Fact Families	14
Lesson 3	Make Tens to Add and Subtract	24
Lesson 4	Solve Word Problems	34
Lesson 5	Add Three Numbers	44

Base Ten—Counting

Lesson 6	Count to 120	54
-----------------	------------------------	----

Base Ten—Place Value

Lesson 7	Place Value	64
Lesson 8	Compare Numbers	74

Addition and Subtraction—Place Value

Lesson 9	Add and Subtract Ten	84
Lesson 10	Add 2-Digit Numbers	94
Lesson 11	Subtract Tens	104

Shapes and Attributes

Lesson 12	Shapes	114
Lesson 13	Equal Parts	124

Linear Measurement

Lesson 14	Length	134
------------------	------------------	-----

Time

Lesson 15	Time	144
------------------	----------------	-----

Graphs

Lesson 16	Data	154
------------------	----------------	-----

LESSON 3 MAKE TENS TO ADD AND SUBTRACT

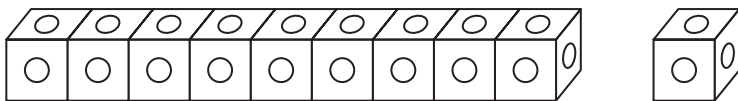
PART ONE



How can you make it easier to add?

Explore

You can add $9 + 1$.



$$9 + 1 = 10$$

Think

Add $3 + 9 + 1$.

What number fact do you already know? $9 + 1 = 10$

What do you need to do? add 3 to 10

Connect

Use what you know to make adding easier.

Make ten to make adding easier.

First add the numbers that make ten.

$$3 + 9 + 1$$

$$3 + 10 = \blacksquare$$

$$3 + 10 = 13$$

$$\text{So, } 3 + 9 + 1 = 13.$$

Let's Talk

Tell how to make ten to add $2 + 8 + 7$.



Think It Through

Solve.

$$8 + 7 + 3 = \blacksquare$$

a. Make ten.

$$8 + 7 + 3 = \blacksquare$$

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

b. Solve the number sentence.

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

Solution: $8 + 7 + 3 = \underline{\quad}$

First
add the
numbers
that make
ten.



Your Turn

Solve.

1. What is $4 + 6 + 3$?

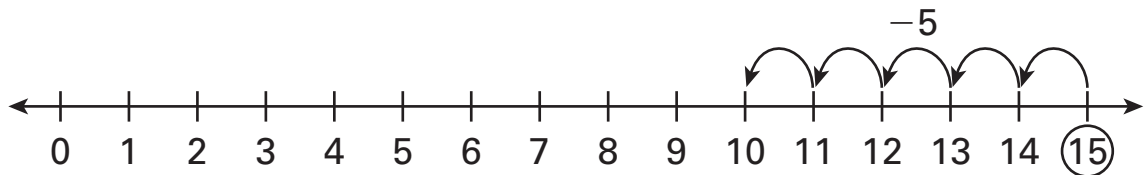
- Ⓐ 7
- Ⓑ 10
- Ⓒ 12
- Ⓓ 13



How can you break apart numbers to make ten?

Explore

You can **subtract** $15 - 5$ to make ten.



Think

Subtract $15 - 7$.

What do you know? $15 - 5 = 10$

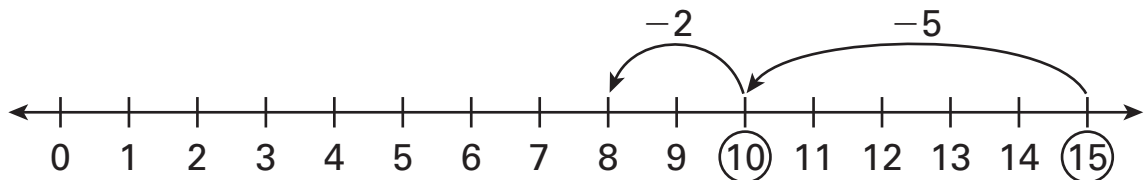
After you subtract 5, what else do you need to subtract? subtract 2 more, because 7 is 5 plus 2 more

Connect

Break apart 7 so you can subtract to get 10.

$$15 - 7 = \blacksquare$$

$$\begin{array}{c} \swarrow \quad \searrow \\ 5 \quad \quad 2 \end{array}$$



$15 - 7$ is the same as $15 - 5 - 2$.

$$15 - 7 = 8$$

Let's Talk

Tell how to break apart 8 to subtract $17 - 8$.



Think It Through

Solve.

What is $7 + 8$?

- a. Break apart one of the numbers to make ten.
You can break apart 8 so that one of the addends and 7 make 10.

$$\begin{array}{r} 7 + 8 \\ \quad \wedge \\ \quad _ \quad _ \end{array}$$

- b. Add to get to 10. $7 + \underline{\quad} = 10$

- c. Add on to 10. $10 + \underline{\quad} = \underline{\quad}$

Solution: $7 + 8 = \underline{\quad}$

You can also break apart 7 so one of the addends and 8 make 10.



Your Turn

Solve.

2. What is $14 - 9$? Show your work.

$$14 - 9 = \underline{\quad}$$

Your Turn

Solve each problem.



- You can add numbers in any order.
- Look for ways to make ten to make it easier to add.
- Break apart numbers to make it easier to add or subtract.

3. What is $5 + 8 + 5$?

- Ⓐ 13
- Ⓑ 16
- Ⓒ 17
- Ⓓ 18

4. $16 - 7 =$ ■

- Ⓐ 9
- Ⓑ 10
- Ⓒ 11
- Ⓓ 23

5. $6 + 8 =$ ■

- Ⓐ 2
- Ⓑ 14
- Ⓒ 15
- Ⓓ 16

6. $12 - 9 =$ ■

- Ⓐ 21
- Ⓑ 4
- Ⓒ 3
- Ⓓ 2

Study the model.

Student Model

Show

$$16 - 9 = \blacksquare$$

Show your work.

$$\begin{array}{r} 16 - 9 \\ \swarrow \quad \searrow \\ 6 \quad 3 \end{array}$$

$$16 - 6 = 10$$

$$10 - 3 = 7$$

$16 - 9$ is the same as $16 - 6 - 3$.

Solution: Subtract. $16 - 9 = \underline{7}$

Explain

Explain how you got your answer.

I broke apart 9 to get 6 and 3. I subtracted 6 from 16 to get 10. Then I subtracted 3 from 10 to get 7.

Show each step.

Answer the question.

Give details.

Use math words.

Your Turn  **Solve the problem.**

7. $12 - 4 = \blacksquare$

Show your work.

 **CHECKLIST**

Did you...

- show the steps?
- answer the question?
- give details?
- use math words?

Solution: $12 - 4 = \underline{\quad}$

Explain how you got your answer.



To solve addition and subtraction problems,

- you can add numbers in any order.
- look for ways to make ten to make it easier to add.
- break apart numbers to make it easier to add or subtract.

Solve each problem.

8. $6 + 5 + 2 = \blacksquare$

- Ⓐ 12
- Ⓑ 13
- Ⓒ 14
- Ⓓ 15

9. What is $15 - 6$?

- Ⓐ 6
- Ⓑ 7
- Ⓒ 8
- Ⓓ 9

10. $5 + 9 = \blacksquare$

- Ⓐ 4
- Ⓑ 12
- Ⓒ 13
- Ⓓ 14

11. What is $3 + 7 + 8$?

- Ⓐ 15
- Ⓑ 18
- Ⓒ 19
- Ⓓ 20

12. $14 - 8 = \blacksquare$

(A) 5

(C) 7

(B) 6

(D) 22

13. $4 + 9 = \blacksquare$

(A) 5

(C) 12

(B) 11

(D) 13

14. What is $8 + 6$? Show how to break apart a number to make ten.

Solution: $8 + 6 = \underline{\hspace{2cm}}$

15. What is $13 - 6$?

Show your work.

Solution: $13 - 6 = \underline{\hspace{2cm}}$

Explain how you got your answer.
