

1st Grade Parent Information

April 13-24

- Recommended daily math practice time: 30 minutes
- There are 10 “practice” pages – Recommendation is 1 practice page per day.
- There are 7 “Activity” pages – Recommendation is 3-4 “Activities” per week for 10-15 minutes each activity. These activities can be repeated for extra practice. If cutting pieces out is needed for an activity, you may need to re-create on your own paper depending on how it prints. Answer keys are at the end of the packet.

Additional Ideas that can be practiced daily or pick and choose 1-2 a day:

- Ask your child to count for you.
 - Count to 120, starting at any number by 1’s.
 - See how far students can count to 120 by 2’s.
 - See how far students can count to 120 by 10’s.
 - Count backward from 20 by 1’s.
- Ask your child to practice reading and writing their numbers from 1 to 120 on their own paper. Ask them to draw a picture that shows that many.
- Show your child or draw for them pictures of clocks and help them tell time in hours and half-hours (7:00 and 7:30).
- Set some coins (less than \$1.00) and have your child count to tell how much.
- Continue practicing math facts within 20 – our goal is for students to leave 1st grade able to add and subtract within 20.

Choose a number from the box to complete the equation.

Example

0 1 2

$$2 + 0 = \underline{1} + 1$$

1 0 1 2

$$2 + 1 = 1 + \underline{\quad}$$

2 1 2 3

$$3 + 2 = \underline{\quad} + 3$$

3 1 2 3

$$3 + 2 = 4 + \underline{\quad}$$

4 0 1 2

$$6 + 0 = 5 + \underline{\quad}$$

5 4 5 6

$$3 + 3 = \underline{\quad} + 0$$

6 2 3 4

$$4 + 3 = 5 + \underline{\quad}$$

7 0 1 2

$$6 + 1 = 7 + \underline{\quad}$$

8 1 2 3

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

9 0 1 2

$$1 + 8 = 7 + \underline{\quad}$$

Add.

1 $9 + 3 = \underline{12}$

2 $3 + 9 = \underline{\quad}$

3 $8 + 6 = \underline{\quad}$

4 $6 + 8 = \underline{\quad}$

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

6 $5 + 7 = \underline{\quad}$

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

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

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

10 $9 + 8 = \underline{\quad}$

11 $6 + 3 + 4 = \underline{\quad}$

12 $5 + 9 + 1 = \underline{\quad}$

Discuss It

Explain how you solved Problem 11.

- 4** Find the missing number.

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

- 5** Find the missing number.

$$8 = 12 - \underline{\quad}$$

- 6** Find the missing number.

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

- 7** Find the missing number.

$$16 - \underline{\quad} = 7$$

- 8** Find the missing number.

$$15 - \underline{\quad} = 8$$

- 9** Find the missing number.

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

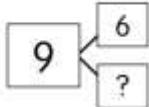
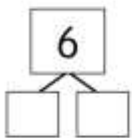
- 10** Find the missing number.

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

Discuss It

- 11** How did you use the 10-frames to find the missing number in Problem 4?

Unit 1 Assessment

<p>Solve the problems.</p> <p>1 There are 6 blue shoes and 4 brown shoes. How many fewer brown shoes?</p> <p style="margin-left: 40px;">6 - 4 = ____</p> <p style="margin-left: 40px;">____ fewer brown shoes</p>	<p>2 Complete the addition sentence that helps you find $9 - 6$. Complete the subtraction sentence.</p> <div style="text-align: right;">  </div> <p style="margin-left: 40px;">6 + ____ = 9</p> <p style="margin-left: 40px;">9 - 6 = ____</p>
<p>3 There are 4 black beads and 3 gray beads. How many beads in all?</p> <p style="margin-left: 40px;">4 + 3 = ____</p>	<p>4 7 birds sing. 2 are blue. The rest are red. How many birds are red?</p> <p style="margin-left: 40px;">7 - 2 = ____</p> <p style="margin-left: 40px;">2 + ____ = 7</p>
<p>5 Jan has 6 shells. Fay has 10 shells. How many more shells does Fay have?</p> <p style="margin-left: 40px;">____ = 10 - 6</p> <p style="margin-left: 40px;">Fay has ____ more shells.</p>	<p>6 9 ducks are in a pond. 4 swim away. How many are left?</p> <p style="margin-left: 40px;">9 - 4 = ____</p> <p style="margin-left: 40px;">9 = 4 + ____</p>
<p>7 Color some circles red and some blue. Complete the number bond. Write a subtraction and an addition sentence.</p> <div style="margin-left: 40px;">  </div> <p style="margin-left: 40px;">____ - ____ = ____</p> <p style="margin-left: 40px;">____ + ____ = ____</p>	<p>8 There are 5 zebras and 3 monkeys. How many animals in all?</p> <p style="margin-left: 40px;">____ = 5 + 3</p>
<p>9 There are 10 flags. 8 are white. The rest are blue. How many are blue?</p> <p style="margin-left: 40px;">____ flags are blue.</p> <p style="margin-left: 40px;">Use pictures, numbers, or words to show your thinking.</p>	<p>10 5 balloons fly. Some pop. Now 3 balloons fly. How many balloons popped?</p> <p style="margin-left: 40px;">Boom says 8 balloons popped. Buzz says 2 balloons popped.</p> <p style="margin-left: 40px;">Who is right? Circle one: Boom Buzz</p> <p style="margin-left: 40px;">Use pictures, numbers, or words to show your thinking.</p>

Solve the problems.

- 1 Write the missing totals. Then color all the partners of 8.

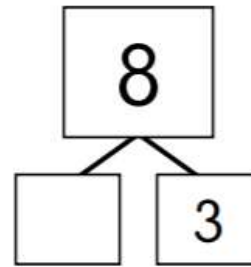
1+1 ___	1+2 3	1+3 4	1+4 ___	1+5 6	1+6 ___	1+7 ___	1+8 9	1+9 ___
2+1 3	2+2 4	2+3 ___	2+4 ___	2+5 ___	2+6 8	2+7 ___	2+8 10	
3+1 ___	3+2 5	3+3 ___	3+4 7	3+5 ___	3+6 9	3+7 10		
4+1 5	4+2 6	4+3 7	4+4 ___	4+5 ___	4+6 ___			
5+1 ___	5+2 7	5+3 ___	5+4 9	5+5 10				
6+1 7	6+2 8	6+3 ___	6+4 ___					
7+1 ___	7+2 9	7+3 10						
8+1 ___	8+2 10							
9+1 ___								

- 2 Color some of the boxes to show a way to make 10. Write two different addition sentences that could match your drawing.

--	--	--	--	--	--	--	--	--

_____ + _____ = **10** _____ + _____ = **10**

- 3 Complete the number bond.
Write four number sentences.



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

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

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

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

- 4 Complete the addition sentences to show the partners of 9.

$0 + 9 = \underline{\quad}$

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

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

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

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

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

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

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

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

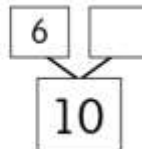
$9 + \underline{\quad} = 9$

- 5 There are 4 green markers in a box. 5 yellow markers are put in the box. How many markers are in the box now?

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

$\underline{\quad}$ markers are in the box now.

- 6 Complete the number bond.
Write one addition sentence and one subtraction sentence.



$10 = \underline{\quad} + 6$

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

- 7 Circle the true number sentences.

$6 = 7 + 1$

$3 + 4 = 7 + 0$

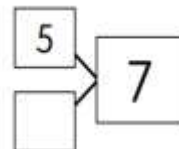
$5 + 2 = 6 + 1$

$3 + 5 = 6 + 4$

$2 + 8 = 5 + 5$

$3 + 3 = 1 + 5$

- 8 Complete the number bond.
Write four number sentences.



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

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

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

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

- 9 Make a true number sentence.

$1 + 7 = \underline{\quad} + \underline{\quad}$

Boom writes $6 + 2$.

Buzz writes $3 + 4$.

Who is right? Circle.

Boom

Buzz

Use pictures, numbers, or words to show your thinking.

Understand Teen Numbers

Look at the Example. Then solve.

Example A teen number is 1 ten plus some ones.

11 is 10 plus 1 one.



Teen numbers: 11, 12, 13, 14, 15, 16, 17, 18, 19

1 Circle the ten. Write the total.



10 plus 2 ones is ____.

2 Circle the ten. Write the total.



10 plus 3 one is ____.

3 Circle the ten. Write the ones and the total.



10 plus ____ ones is ____.

4 Circle the ten. Write the ones and the total.



10 plus ____ ones is ____.

5 Circle the ten. Write the ones and the total.

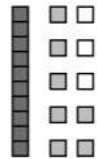


10 plus ____ ones is ____.

Look at the Example. Then solve.

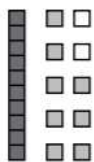
Example Show 17.

17 is 1 ten 7 ones. → Color and write the ones.



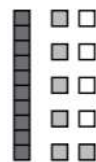
1 ten 7 ones

1 Show 18.



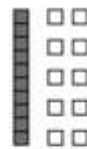
1 ten ____ ones

2 Show 16.



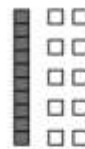
1 ten ____ ones

3 Show 19.



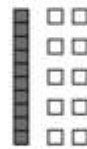
1 ten ____ ones

4 Show 13.



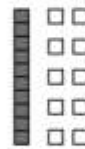
1 ten ____ ones

5 Show 15.



1 ten ____ ones

6 Show 12.



1 ten ____ ones

7 Look at 15 and 12.

What is the same? Circle. the ten the ones

What is different? Circle. the ten the ones

Understand the Equal Sign

Look at the Example. Then solve.

Example

Circle the true number sentences.

$6 = 3 + 3$

$8 = 4 + 4$

$7 = 1 + 5$

$9 = 6 + 4$

$3 + 4 = 6 + 1$

$5 + 5 = 4 + 5$

1 Evaluate Circle the true number sentences.

$5 = 4 + 2$

$5 + 5 = 9$

$6 = 2 + 4$

$5 + 2 = 7$

$3 + 2 = 4 + 1$

$8 + 1 = 4 + 4$

2 Draw Is $3 + 6 = 6 + 3$ a true number sentence? Draw to show why or why not.

3 Create Write true number sentences.

$5 = _ + _$

$_ + _ = 3$

$4 + 5 = _ + _$

$_ + _ = 4 + 3$

4 Create Write true number sentences.

$4 = _ + _$

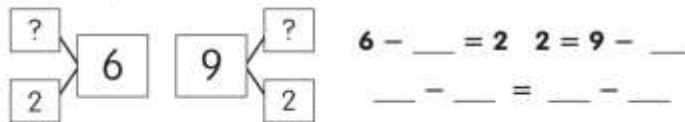
$_ + _ = 10$

$0 + 6 = _ + _$

$_ + _ = 7 + 3$

5 Explain Ted has 3 red cubes and 4 blue cubes. Jo has 4 cubes. She wants the same number as Ted. How many more cubes does she need? How do you know?

1 Find partners with equal differences.



2 Draw Is $3 + 5 = 5 + 3$ a true number sentence? Draw to explain why or why not.

3 Evaluate Circle the true number sentences.

$4 = 6$

$7 = 4 + 3$

$5 - 2 = 8 - 5$

$5 - 4 = 9 - 7$

$8 - 3 = 7$

$8 + 2 = 4 + 6$

4 Create Make true number sentences.

$_ + _ = 3 + 7$

$6 - 3 = _ - _$

5 Think about the equal sign.

A: Write the number of shapes below each group. Write = in the box if it is a true number sentence. Write X in the box if it is not a true number sentence.



$_ + _ \square _ + _$



$_ + _ \square _ + _$

B: Use the number sentence that is not true. Write a true number sentence. Show your work.

$_ + _ \square _ + _$

Adding 2 single-digit numbers

Grade 1 Addition Worksheet

Find the sums

1) $4 + 5 =$ _____ 8) $3 + 1 =$ _____ 15) $5 + 2 =$ _____

2) $7 + 7 =$ _____ 9) $7 + 1 =$ _____ 16) $5 + 6 =$ _____

3) $8 + 3 =$ _____ 10) $9 + 5 =$ _____ 17) $2 + 4 =$ _____

4) $2 + 5 =$ _____ 11) $4 + 1 =$ _____ 18) $4 + 4 =$ _____

5) $8 + 4 =$ _____ 12) $7 + 6 =$ _____ 19) $1 + 7 =$ _____

6) $9 + 7 =$ _____ 13) $7 + 9 =$ _____ 20) $8 + 2 =$ _____

7) $4 + 2 =$ _____ 14) $6 + 9 =$ _____ 21) $8 + 5 =$ _____

Subtraction with numbers up to 20, no regrouping

Grade 1 Subtraction Worksheet

Find the difference.

1) $7 - 2 =$ _____

2) $19 - 7 =$ _____

3) $18 - 6 =$ _____

4) $1 - 1 =$ _____

5) $16 - 4 =$ _____

6) $16 - 3 =$ _____

7) $17 - 2 =$ _____

8) $18 - 1 =$ _____

9) $4 - 1 =$ _____

10) $13 - 1 =$ _____

11) $20 - 0 =$ _____

12) $16 - 2 =$ _____

13) $12 - 1 =$ _____

14) $8 - 3 =$ _____

15) $11 - 0 =$ _____

16) $18 - 8 =$ _____

17) $13 - 0 =$ _____

18) $13 - 2 =$ _____

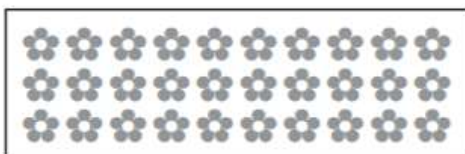
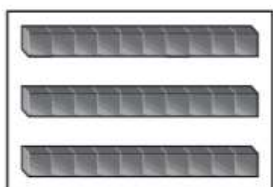
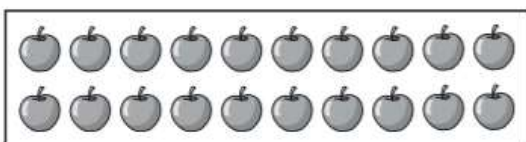
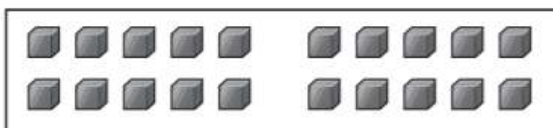
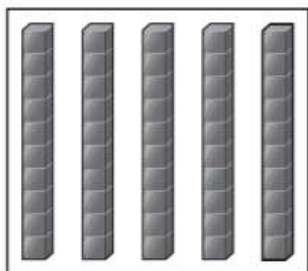
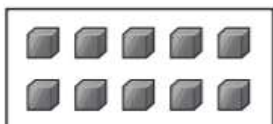
19) $16 - 6 =$ _____

20) $8 - 2 =$ _____

Directions: Match the picture with the Math Sentence

Groups of 10

Picture



Math Sentence

5 groups of 10
is 50.

2 groups of ten
is 20.

Ten is 10 ones.

3 groups of 10
is 3 tens.

20 is 2 groups
of 10.

30 is 3 groups
of 10.

Go Further!

Look at the pictures of 2 tens and 20 ones.
Tell your partner how they are the same.

Count to 120

What You Need

- Recording Sheet



Check Understanding

What number is 1 more than 98? What number is 5 more than 98? Tell how you know.

What You Do

1. Take turns. Pick a letter. Read the direction.
2. Find the letter on the **Recording Sheet**.
3. Write the numbers as you count.
4. Your partner checks your count.

A	Count by 1.
B	Count by 2.
C	Count by 5.
D	Count by 1.
E	Count by 2.
F	Count by 5.
G	Count by 5.
H	Count by 2.

Go Further!

Pick a number between 101 and 109. Count by 2. Write the next 3 numbers.

Count to 120

A 18, _____, _____, _____	B 26, _____, _____, _____
C 35, _____, _____, _____	D 49, _____, _____, _____
E 50, _____, _____, _____	F 80, _____, _____, _____
G 95, _____, _____, _____	H 108, _____, _____, _____



I can look for patterns to help me count.

Ten More, Ten Less

What You Need

- number cube (1–6)
- 6 game markers of one color, 6 markers of another color
- Game Board
- Recording Sheet

Check Understanding

Write the numbers 10 more and 10 less than 89. Tell how you know.

What You Do

1. Take turns. Roll the number cube. Find the number next to your toss.
2. Write the number and a number 10 more or 10 less on the **Recording Sheet**.
3. Cover your 10 more or 10 less number on the **Game Board**. If that number is taken, your turn ends.
4. Play 4 turns each. Try to get 3 markers in a row.

Toss	Number
1	29
2	16
3	44
4	92
5	103
6	61

Go Further!

Take turns. Write a number. Write a number 10 more than your partner's number.



Ten More, Ten Less

71	102	93
19	82	39
51	26	6
54	113	34



The number of ones stays the same when thinking about 10 more or 10 less!

Ten More, Ten Less

Player A	Player B
Number: _____	Number: _____
10 More or 10 Less	10 More or 10 Less
Number: _____	Number: _____
Number: _____	Number: _____
10 More or 10 Less	10 More or 10 Less
Number: _____	Number: _____
Number: _____	Number: _____
10 More or 10 Less	10 More or 10 Less
Number: _____	Number: _____
Number: _____	Number: _____
10 More or 10 Less	10 More or 10 Less
Number: _____	Number: _____

Match to Make 10

What You Need

- Number Cards 0–10
- Recording Sheet

 Check Understanding

What are two numbers that add to 10? Tell how you know.

What You Do

1. Put all cards facedown in rows. Take turns. Turn over two cards.
2. If the numbers do not make 10, put the cards facedown.
3. If the numbers make 10, both players write the equation on the **Recording Sheet**.
4. The player whose cards made 10 keeps both cards.
5. Play until there are no cards left. The player with more cards wins.



If I turn over 9,
what other card
makes 10?


Go Further!

Turn over a card. Tell the number you need to add to make 10. Your partner checks.



Match to Make 10**Player A****Player B**

$_____ + _____ = 10$

$10 = _____ + _____$

$10 = _____ + _____$

$_____ + _____ = 10$

$_____ + _____ = 10$

$10 = _____ + _____$

$10 = _____ + _____$

$_____ + _____ = 10$

$10 = _____ + _____$

$_____ + _____ = 10$

$_____ + _____ = 10$

$10 = _____ + _____$

Center Activity 1.05 ★★ Number Cards 0-10



0

1

2

3

4

5

5

6

7

8

9

10



Number Bond Facts

What You Need

- Recording Sheet

Check Understanding

Tell how you would find $4 + 3$. How would you find $7 - 3$?

What You Do

1. Take turns. Pick a letter on the **Recording Sheet**.
2. Fill in the number bond.
3. Write one addition equation and one subtraction equation for the number bond.
4. Your partner checks your equations.

I can use what I know about addition facts to write a subtraction fact.

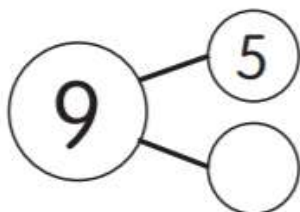


Go Further!

Pick a number bond. Tell your partner an addition story. Check your partner's answer.

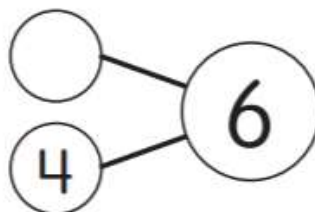


Number Bond Facts

A

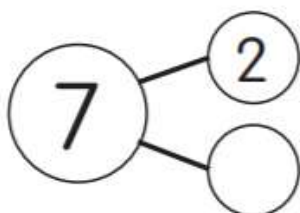
$$9 = \underline{\quad} + \underline{\quad}$$

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

B

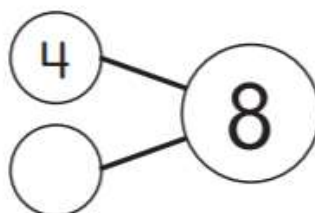
$$\underline{\quad} + \underline{\quad} = 6$$

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

C

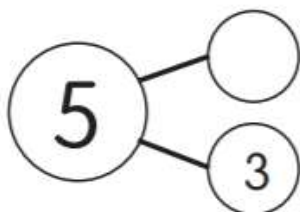
$$7 = \underline{\quad} + \underline{\quad}$$

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

D

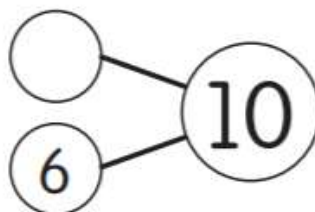
$$8 = \underline{\quad} + \underline{\quad}$$

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

E

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

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

F

$$\underline{\quad} + \underline{\quad} = 10$$

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

Find the Missing Number

What You Need

- 18 counters
- cup
- Number Cards: 10–18
- Recording Sheet

What You Do

1. Take turns. Take a Number Card and count out that many counters.
2. Place the cup over some of the counters. Count how many counters are not under the cup.
3. Write an equation on the **Recording Sheet** that shows the problem.
4. Your partner finds the missing number and completes the equation.
5. Lift the cup to check. Repeat the steps until the **Recording Sheet** is full.



Check Understanding

Ask: Explain how you can find the missing number in $15 - ? = 7$. What number is missing?

Example

14



$$14 - ? = 6$$

or

$$6 + ? = 14$$

$$14 - 8 = 6$$

or

$$6 + 8 = 14$$



Go Further!

Find the missing number using 20 counters.



Find the Missing Number**Equations**

$_____ + _____ = _____$

$_____ - _____ = _____$

$_____ + _____ = _____$

$_____ - _____ = _____$

$_____ + _____ = _____$

$_____ - _____ = _____$

$_____ + _____ = _____$

$_____ - _____ = _____$

$_____ + _____ = _____$

$_____ - _____ = _____$

Center Activity 1.57 ★★ Number Cards: 10–18



10

11

12

13

14

15

16

17

18



Doubles and Doubles Plus 1

What You Need

- number cube (1–6)
- 9 game markers of one color
- 9 game markers of another color
- Game Board
- Recording Sheet



Check Understanding

There are 5 footballs. The number of baseballs is double the number of footballs. How many baseballs?

What You Do

1. Take turns. Roll the number cube. Find the number next to your toss.
2. Double that number or add the double and 1 more. Write your addition sentence on the **Recording Sheet**.
3. Cover the answer on the **Game Board** with a marker. If that number is taken, your turn ends.
4. Play until all the numbers are covered.

Toss	Number
1	2
2	4
3	3
4	1
5	5
6	Lose Turn

Go Further!

Roll the number cube. How much is 1 less than double the number?



Doubles and Doubles Plus 1

6	9	5
4	10	8
3	7	2
5	4	6

Doubles and Doubles Plus 1

Player A	Player B



If the double is taken, I can try the double and 1 more.

1.05

Check Understanding

Possible answer: 8 and 2 add to 10. I can count on 2 from 8 to make 10.

Recording Sheet

Answers will vary. Sample answers:

Row 1: $1 + 9 = 10$; $10 = 9 + 1$

Row 2: $10 = 2 + 8$; $8 + 2 = 10$

Row 3: $3 + 7 = 10$; $10 = 7 + 3$

Row 4: $10 = 4 + 6$; $6 + 4 = 10$

Row 5: $10 = 5 + 5$; $5 + 5 = 10$

Row 6: $0 + 10 = 10$; $10 = 10 + 0$

1.06

Check Understanding

Sample answer: Start at 4 and count on 3. Since I know $4 + 3 = 7$, I know $7 - 3 = 4$.

Recording Sheet

Answers will vary. Sample answers:

A. 4 ; $9 = 5 + 4$; $5 = 9 - 4$

B. 2 ; $2 + 4 = 6$; $2 = 6 - 4$

C. 5 ; $7 = 2 + 5$; $7 - 2 = 5$

D. 4 ; $8 = 4 + 4$; $4 = 8 - 4$

E. 2 ; $5 = 3 + 2$; $3 = 5 - 2$

F. 4 ; $4 + 6 = 10$; $10 - 4 = 6$

1.57

Check Understanding

Children explain strategies for finding the missing number in the equation $15 - ? = 7$. Strategies may include using counters to count on from 7, or finding the difference between 15 and 7. Children find $15 - 8 = 7$.

Recording Sheet

Children write an equation that tells the problem they have just solved, for example, $6 + 7 = 13$ or $13 - 6 = 7$.

1.29

Check Understanding

99; 103; Sample answer: I counted on 1 for the first answer and counted on 5 for the second answer.

Recording Sheet

A. 19, 20, 21

B. 28, 30, 32

C. 40, 45, 50

D. 50, 51, 52

E. 52, 54, 56

F. 85, 90, 95

G. 100, 105, 110

H. 110, 112, 114

1.04

Check Understanding

10 baseballs. $5 + 5 = 10$

Recording Sheet

Answers will vary. Possible answers:

$1 + 1 = 2$

$1 + 1 + 1 = 3$

$2 + 2 = 4$

$2 + 2 + 1 = 5$

$3 + 3 = 6$

$3 + 3 + 1 = 7$

$4 + 4 = 8$

$4 + 4 + 1 = 9$

$5 + 5 = 10$

1.21

Check Understanding

Sample answer: 5 groups of 10 is 50. 50 is 50 ones.

Recording Sheet

Picture	Math Sentence
	5 groups of 10 is 50.
	2 groups of ten is 20.
	Ten is 10 ones.
	3 groups of 10 is 3 tens.
	20 is 2 groups of 10.
	30 is 3 groups of 10.

1.31

Check Understanding

99; 79; Sample answer: 10 more is like adding 1 ten.
10 less is like subtracting 1 ten. 1 ten more than 89 is
99. 1 ten less than 89 is 79.

Recording Sheet

Answers will vary. Sample answers:

Player A	Player B
Number: <u>29</u>	Number: <u>16</u>
10 More or 10 Less	10 More or 10 Less
Number: <u>39</u>	Number: <u>26</u>
Number: <u>44</u>	Number: <u>92</u>
10 More or 10 Less	10 More or 10 Less
Number: <u>34</u>	Number: <u>82</u>
Number: <u>61</u>	Number: <u>103</u>
10 More or 10 Less	10 More or 10 Less
Number: <u>71</u>	Number: <u>93</u>
Number: <u>16</u>	Number: <u>44</u>
10 More or 10 Less	10 More or 10 Less
Number: <u>6</u>	Number: <u>54</u>