

School-Home Letter

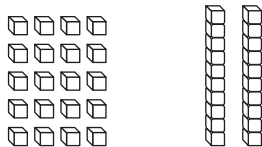
Dear Family,

My class started Chapter 8 this week. In this chapter, I will learn how to add and subtract two-digit numbers.

Love, _____

Vocabulary

ones and tens You can group ones to make tens.



20 ones = 2 tens

Home Activity

Using a jar and pennies, work with your child to add and subtract two-digit numbers. Start with 11 pennies in the jar. Have your child add 13 pennies. Ask your child to explain a way to find the sum of 11 and 13. Then count with your child to find how many pennies in all. Repeat with different quantities each day. Work with your child to subtract numbers as well.

Literature

Reading math stories reinforces ideas. Look for these books in a library and read them with your child.

**One Is a Snail,
Ten Is a Crab**

by April Pulley Sayre.
Candlewick, 2006.

Safari Park

by Stuart J. Murphy.
Steck-Vaughn, 2002.

Carta para la casa

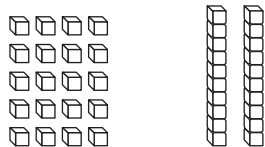
Querida familia:

Mi clase comenzó el Capítulo 8 esta semana. En este capítulo, aprenderé a sumar y restar números de dos dígitos.

Con cariño, _____

Vocabulario

unidades y decenas Puedes agrupar unidades para formar decenas.



20 unidades = 2 decenas

Actividad para la casa

Con un tarro y centavos, trabaje con su hijo para sumar y restar números de dos dígitos. Comience con 11 monedas de 1¢ en el tarro. Pídale que sume 13 monedas de 1¢. Pídale que explique cómo encontrar la suma de 11 y 13. Luego, cuente con su hijo para saber cuántos centavos hay en total. Repita con diferentes cantidades cada día. Trabaje con él para restar números también.

Literatura

Leer cuentos de matemáticas refuerza las ideas. Busque estos libros en la biblioteca y léalos con su hijo.

**One Is a Snail,
Ten Is a Crab**
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por Stuart J. Murphy.
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Name _____

Lesson 8.1

Add and Subtract within 20



COMMON CORE STANDARD—1.OA.6
Add and subtract within 20.

Add or subtract.

$$\begin{array}{r} 1. \quad 6 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 11 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 4 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 14 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 7 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 12 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 6 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 18 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 15 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 6 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 12 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 10 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 13 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 6 \\ + 4 \\ \hline \end{array}$$

Problem Solving



Solve. Draw or write to explain.

19. Jesse has 4 shells. He finds some more. Now he has 12 shells. How many more shells did Jesse find?

_____ more shells

Lesson Check (1.OA.6)

1. What is the sum?
Write the number.

$$8 + 5 = \underline{\quad}$$

2. What is the difference?
Write the number.

$$11 - 4 = \underline{\quad}$$

Spiral Review (1.NBT.3)

3. **Circle the greater number.** **Did tens or ones help you decide?** **Write the numbers.**

43 46

tens ones

_____ is greater than _____.

_____ > _____

4. **Circle the number that is less.** **Did tens or ones help you decide?** **Write the numbers.**

69 84

tens ones

_____ is less than _____.

_____ < _____

Name _____

HANDS ON Lesson 8.2

Add Tens



COMMON CORE STANDARD—1.NBT.4
Use place value understanding and properties of operations to add and subtract.

Draw to show tens. Write the sum.
Write how many tens.

1. $10 + 30 = \underline{\quad}$

_____ tens

2. $30 + 30 = \underline{\quad}$

_____ tens

3. $60 + 10 = \underline{\quad}$

_____ tens

4. $20 + 20 = \underline{\quad}$

_____ tens

5. $30 + 20 = \underline{\quad}$

_____ tens

6. $10 + 70 = \underline{\quad}$

_____ tens

Problem Solving



Draw tens to solve.

7. Drew makes 20 posters. Tia makes 30 posters. How many posters do they make? _____ posters

8. Regina read 40 pages. Alice read 50 pages. How many pages did they read? _____ pages

Lesson Check (1.NBT.4)

1. What is the sum?
Write the number.

$$20 + 30 = \underline{\quad}$$

2. What is the sum?
Write the number.

$$30 + 10 = \underline{\quad}$$

Spiral Review (1.OA.6, 1.NBT.3)

3. Write a doubles fact that can help you solve $6 + 5 = 11$.

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

4. Circle the number sentences that are true.
Cross out the number sentences that are false.
Which is **not** true?

$30 > 10$

$30 < 10$

$10 > 30$

$10 < 30$

Name _____

HANDS ON Lesson 8.3

Subtract Tens



COMMON CORE STANDARD—1.NBT.6
Use place value understanding and properties of operations to add and subtract.

Draw to show tens. Write the difference. Write how many tens.

1. $40 - 10 = \underline{\quad}$

_____ tens

2. $80 - 40 = \underline{\quad}$

_____ tens

3. $50 - 30 = \underline{\quad}$

_____ tens

4. $60 - 30 = \underline{\quad}$

_____ tens

Problem Solving



Draw tens to solve.

5. Mario has 70 baseball cards.
He gives 30 to Lisa.
How many baseball cards
does Mario have left?

_____ baseball cards

Lesson Check (1.NBT.6)

1. What is the difference?
Write the number.

$$60 - 20 = \underline{\quad}$$

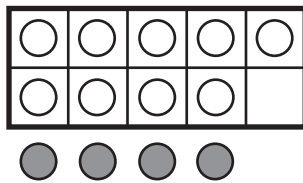
2. What is the difference?
Write the number.

$$70 - 30 = \underline{\quad}$$

Spiral Review (1.OA.6, 1.NBT.3)

3. Use ○, ●, and a ten frame. Show both addends. Draw to make ten. Then write a new fact. Add.

$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$



$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$



4. Bo crosses out the number cards that are less than 33 and greater than 38. What numbers are left?



Number cards and are left.

Use a Hundred Chart to Add



COMMON CORE STANDARD—1.NBT.4
Use place value understanding and properties of operations to add and subtract.

Use the hundred chart to add.
Count on by ones or tens.

1. $47 + 2 =$ _____

.....

2. $26 + 50 =$ _____

.....

3. $22 + 5 =$ _____

.....

4. $40 + 41 =$ _____

.....

5. $4 + 85 =$ _____

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Problem Solving



Choose a way to solve. Draw or write to show your work.

6. 17 children are on the bus.
Then 20 more children get
on the bus. How many
children are on the bus
now?

_____ children

Lesson Check (1.NBT.4)

1. What is the sum?
Write the number.

$$42 + 50 = \underline{\quad}$$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2. What is the sum?
Write the number.

$$11 + 8 = \underline{\quad}$$

Spiral Review (1.OA.8, 1.NBT.5)

3. Use mental math.
What number is ten less than 52?
Write the number.

4. Write an addition fact that helps
you solve $16 - 9$.

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


Name _____

HANDS ON Lesson 8.5

Use Models to Add



COMMON CORE STANDARD—1.NBT.4
Use place value understanding and properties of operations to add and subtract.

Use  and your MathBoard.
Add the ones or tens. Write the sum.

1. $44 + 5 = \underline{\quad}$

2. $16 + 70 = \underline{\quad}$

3. $78 + 20 = \underline{\quad}$

4. $52 + 7 = \underline{\quad}$

5. $2 + 13 = \underline{\quad}$

6. $73 + 4 = \underline{\quad}$

7. $84 + 3 = \underline{\quad}$

8. $20 + 25 = \underline{\quad}$

9. $49 + 30 = \underline{\quad}$

10. $81 + 8 = \underline{\quad}$

Problem Solving



Solve. Draw or write to explain.

II. Maria has 21 marbles.
She buys a bag of 20 marbles.
How many marbles does
Maria have now?

_____ marbles

Lesson Check (1.NBT.4)

1. What is the sum?
Write the number.

$$62 + 30 = \underline{\quad}$$

2. What is the sum?
Write the number.

$$37 + 2 = \underline{\quad}$$

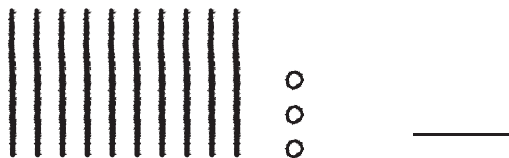
Spiral Review (1.OA.6, 1.NBT.1)

3. Write two ways to make 15.

$$\underline{\quad} + \underline{\quad} = 15$$

$$\underline{\quad} + \underline{\quad} = 15$$

4. What number does the model show?



Name _____

HANDS ON Lesson 8.6

Make Ten to Add



COMMON CORE STANDARD—1.NBT.4
Use place value understanding and properties of operations to add and subtract.

Use . Draw to show how you make a ten. Find the sum.

1. $26 + 5 =$ _____



2. $68 + 4 =$ _____



3. $35 + 8 =$ _____



Problem Solving



Choose a way to solve. Draw or write to show your work.

4. Debbie has 27 markers. Sal has 9 markers. How many markers do they have?



_____ markers

Lesson Check (1.NBT.4)

1. What is the sum?
Write the number.

$$47 + 6 = \underline{\quad}$$

2. What is the sum?
Write the number.

$$84 + 8 = \underline{\quad}$$

Spiral Review (1.OA.7, 1.NBT.1)

3. What number does the model show?
Write the number.



4. Write a number to make the sentence true.

$$5 + 4 = 10 - \underline{\quad}$$

Name _____

HANDS ON Lesson 8.7

Use Place Value to Add



COMMON CORE STANDARD—1.NBT.4
Use place value understanding and properties of operations to add and subtract.

Draw a quick picture. Use tens and ones to add.

1.
$$\begin{array}{r} 31 \\ + 26 \\ \hline \end{array}$$

Tens	Ones

3 tens + 1 one
2 tens + 6 ones

___ tens + ___ ones
___ + ___ = ___

$$\begin{array}{r} 31 \\ + 26 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 54 \\ + 34 \\ \hline \end{array}$$

Tens	Ones

5 tens + 4 ones
3 tens + 4 ones

___ tens + ___ ones
___ + ___ = ___

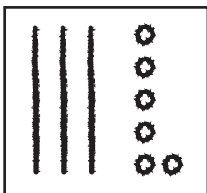
$$\begin{array}{r} 54 \\ + 34 \\ \hline \end{array}$$

Problem Solving

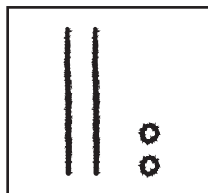


3. Write two addition sentences you can use to find the sum. Then solve.

Addend



Addend



___ + ___ = ___

___ + ___ = ___

Lesson Check (1.NBT.4)

1. What is the sum?
Write the number.

$$\begin{array}{r} 42 \\ + 31 \\ \hline \end{array}$$

2. What is the sum?
Write the number.

$$\begin{array}{r} 23 \\ + 12 \\ \hline \end{array}$$

Spiral Review (1.OA.6, 1.NBT.2)

3. I have 28 cubes. How many tens and ones can I make?

_____ tens _____ ones

_____ ten _____ ones

-
4. What is the sum?
Write the number.

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

Name _____

Problem Solving • Addition Word Problems



COMMON CORE STANDARD—1.NBT.4
Use place value understanding and properties of operations to add and subtract.

Draw and write to solve. Explain your reasoning.

1. Dale saved 19 pennies. Then he found 5 more pennies. How many pennies does Dale have now?

_____ pennies

2. Jean has 10 fish. She gets 4 more fish. How many fish does she have now?

_____ fish

3. Courtney buys 2 bags of apples. Each bag has 20 apples. How many apples does she buy?

_____ apples

4. John bakes 18 blueberry muffins and 12 banana muffins for the bake sale. How many muffins does he bake?

_____ muffins

Lesson Check (1.NBT.4)

1. Amy has 9 books about dogs.
She has 13 books about cats.
How many books does she
have about dogs and cats?
Solve. Show your work. Write the number. _____ books

Spiral Review (1.OA.3, 1.OA.6)

2. What is the sum for $4 + 2 + 4$?
Write the number.

-
3. Solve. Use the ten frame to make a
ten to help you subtract. Ray has
14 pens. 8 are black. The rest
are blue. How many pens are blue? _____ blue pens

Name _____

HANDS ON Lesson 8.9

Related Addition and Subtraction



COMMON CORE STANDARDS—1.NBT.4, 1.NBT.6 Use place value understanding and properties of operations to add and subtract.

Use the hundred chart to add and subtract. Count up and back by tens.

1. $16 + 60 =$ _____

$76 - 60 =$ _____

.....

2. $61 + 30 =$ _____

$91 - 30 =$ _____

.....

3. $64 + 20 =$ _____

$84 - 20 =$ _____

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Problem Solving



Choose a way to solve. Draw or write to show your work.

4. There are 53 leaves in a tree.
20 leaves blow away. How
many leaves are left in the tree?

_____ leaves

Lesson Check

1. What is $78 - 20$?
Write the number.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2. What is $37 + 50$?
Write the number.

Spiral Review

3. Use the model.
What is the difference of $7 - 3$?
Write the number.



$$7 - 3 = \underline{\quad}$$

4. What is the sum for $0 + 7$?
Write the number.

Name _____

Lesson 8.10

Practice Addition and Subtraction



COMMON CORE STANDARDS—1.NBT.4, 1.NBT.6 Use place value understanding and properties of operations to add and subtract.

Add or subtract.

$$\begin{array}{r} 1. \quad 20 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 90 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 52 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 62 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 39 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 47 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 4 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 49 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 64 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 63 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 37 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 85 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 48 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 76 \\ - 15 \\ \hline \end{array}$$

Problem Solving

Solve. Write or draw to explain.

16. Andrew read 17 pages of his book before dinner. He read 9 more pages after dinner. How many pages did he read?

_____ pages

Lesson Check (1.NBT.4)

1. What is the sum of $20 + 18$?
Write the sum.

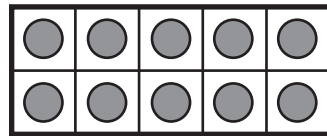
$$20 + 18 = \underline{\quad}$$

2. What is the difference of $90 - 50$?
Write the difference.

$$90 - 50 = \underline{\quad}$$

Spiral Review (1.OA.1, 1.OA.6)

3. Use the model. What number sentence does this model show?
Write the number sentence that the model shows.



○ ○ ○

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

-
4. Solve. Mo had some toys. He gave 6 away.
Now he has 6 toys. How many toys did Mo start with?

 toys