Name _____

Topic 20

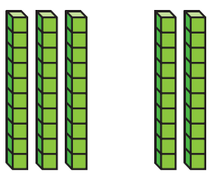
Adding and Subtracting with Tens and Ones

Review What You Know

1. Write the missing numbers.

31	32	33	34		36
41	42		44	45	
	52			55	56
61		63	64	65	

2. Count by 10s.
Write the number.



_____

3. Use cubes. Write the numbers.

1 more than 28 is _____.
1 less than 28 is _____.
10 more than 28 is _____.
10 less than 28 is _____.

Home-School Connection

Dear Family,
Today my class started Topic 20, **Adding and Subtracting with Tens and Ones.** I will learn how to add and subtract 2-digit numbers. Here are some things we can do to help me with my math.

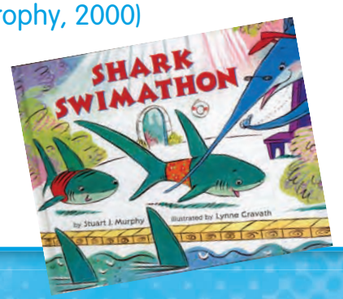
Love,

_____

Book to Read

Reading math stories reinforces concepts. Look for this title in your local library:

Shark Swimathon
by Stuart J. Murphy
(HarperTrophy, 2000)



Home Activity

Look at a calendar with your child. Point to a number in the first week (but not day 1). Discuss how the number of that day is one more than the day before and one less than the day after. You might also discuss how the number beneath it is 7 more and why (because there are 7 days in a week).

April						
S	M	T	W	T	F	S
	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				

Hundred Chart Hop

What You Need

- 2 counters
- 1 paper clip
- 1 pencil

Number of players: 2

How to Play

1. Place your counter on 1. Take turns.
2. Spin the spinner. Hop that number of spaces. Then hop 10 more spaces.
3. The game is over when both players reach 100.
4. To play again, start at 100. Spin the spinner. Hop backward that many spaces. Then hop backward 10 more spaces. Keep playing until you reach 1.

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

Name _____

Interactive Learning Lesson 20-1

Adding Groups of 10

1.

_____ + _____ = _____

_____ + _____ = _____

2.

_____ + _____ = _____

_____ + _____ = _____

3.

_____ + _____ = _____

_____ + _____ = _____

4.

_____ + _____ = _____

_____ + _____ = _____

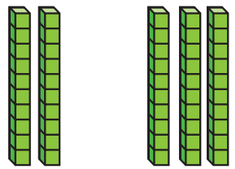
Home Connection Your child used trains of 10 connecting cubes to add groups of 10.
Home Activity Ask your child to add groups of 10, such as 40 + 30 (70) and 20 + 40 (60).

NS 2.2, Grade 2 Find the sum or difference of two whole numbers up to three digits long. Also **MR 3.0.**

You know how to add ones.

2 + 3 = 5

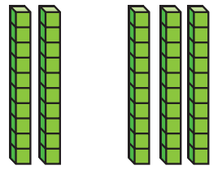
So you can add groups of 10.



2 tens + 3 tens = 5 tens

Adding 2 tens and 3 tens is like adding 2 + 3.

2 tens is 20.
3 tens is 30.



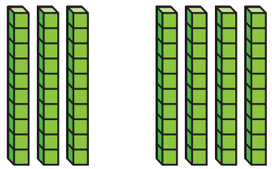
20 + 30 = ?

2 tens plus 3 tens equals 5 tens.

5 tens is 50.
So 20 + 30 = 50.

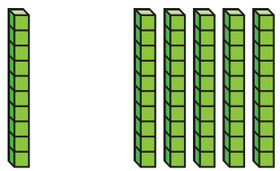
Guided Practice

Write the numbers to complete each number sentence.

1. 

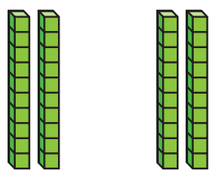
3 tens + 4 tens = 7 tens

30 + 40 = 70

2. 

____ ten + ____ tens = ____ tens

____ + ____ = ____

3. 

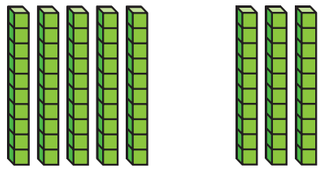
____ tens + ____ tens = ____ tens

____ + ____ = ____

Do you understand? How is adding 60 + 30 like adding 6 + 3?

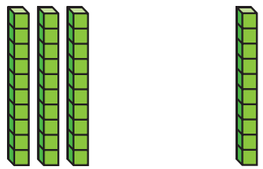
Independent Practice

Write the numbers to complete each number sentence.

4. 

____ tens + ____ tens = ____ tens

____ + ____ = ____

5. 

____ tens + ____ ten = ____ tens

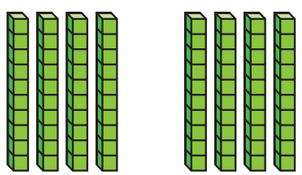
____ + ____ = ____

6. 

____ ten + ____ ten = ____ tens

____ + ____ = ____

Algebra Write the missing addends and sum.

7. 

____ + ____ = ____

Problem Solving

Solve the problems below.

8. Paul has 30 markers.
Anita has 40 markers.
How many markers do Paul and Anita have in all?
Write a number sentence.
Use cubes to help.

_____ + _____ = _____

_____ markers

9. Lily has 30 fish in one tank.
She has 20 fish in another tank.
How many fish does Lily have in all? Use cubes to help.

10	40	50	60
○	○	○	○

10. Journal Write a number story for 40 + 10 = 50.

_____

_____

_____

_____

FOLD

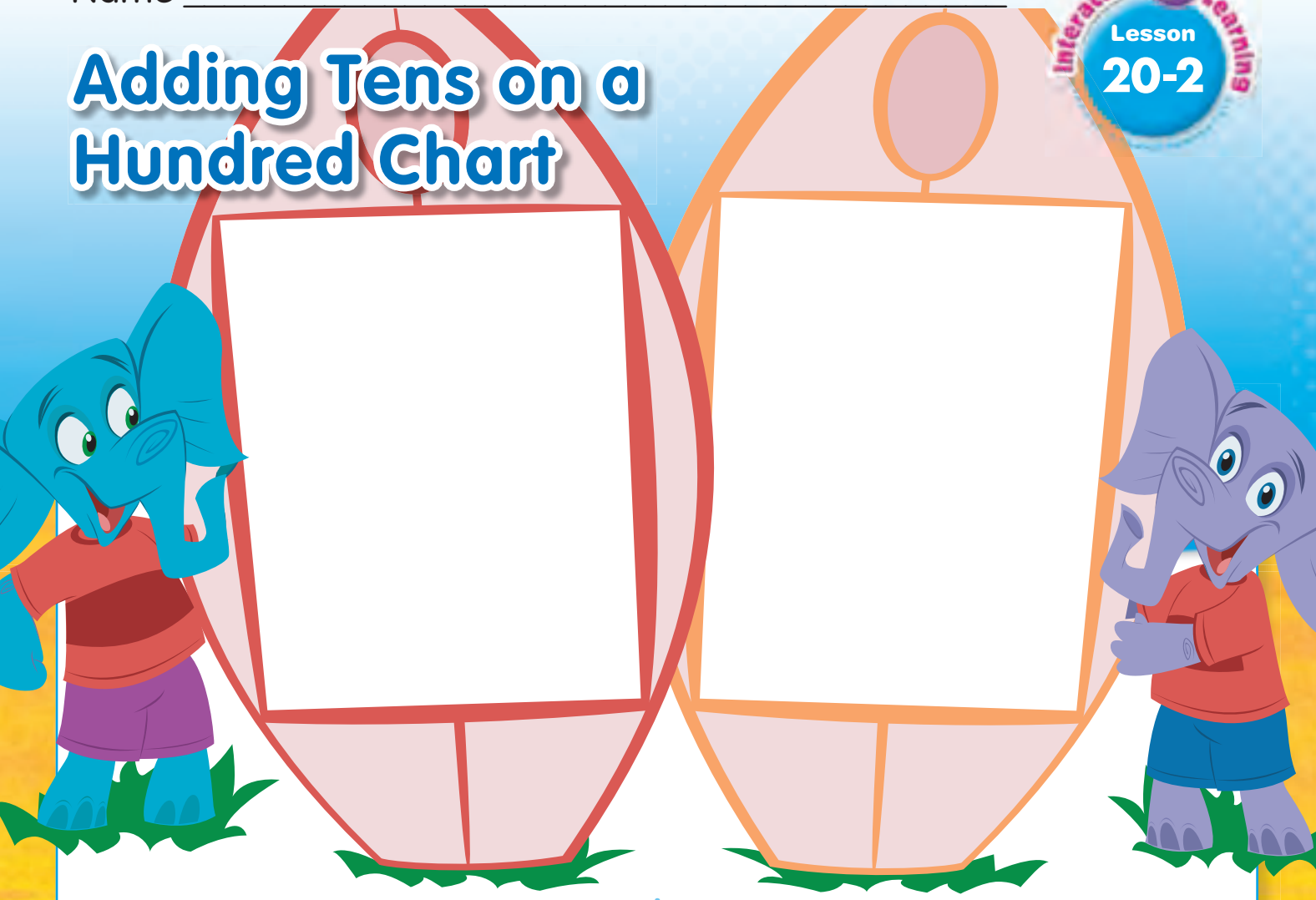
FOLD

Name _____

Interactive Learning

Lesson 20-2

Adding Tens on a Hundred Chart



1. _____ + 10 = _____

2. _____ + 20 = _____

3. _____ + 30 = _____

4. _____ + 40 = _____

5. _____ + 20 = _____

6. _____ + 10 = _____

7. _____ + 40 = _____

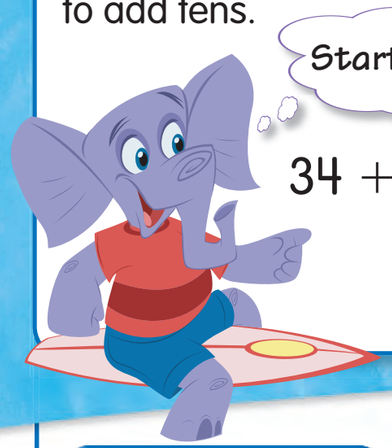
8. _____ + 30 = _____

Home Connection Your child used a hundred chart to add multiples of 10 to 2-digit numbers (for example, 56 + 20 = 76 and 43 + 40 = 83).

Home Activity On a piece of paper, write a number that is less than 90. Ask your child to explain how the number will change when you add 10.

NS 2.2 , Grade 2 Find the sum or difference of two whole numbers up to three digits long. Also **NS 2.6, MR 2.1.**

You can use a hundred chart to add tens.



$34 + 20 = ?$

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

For every 10 you add, move down one row.

$34 + 20 = 54$

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

Check your work.
Start at 34.
Skip count by 10s.

34, 44, 54

Guided Practice

Use the hundred chart to add tens.

1. $2 + 10 =$ 12

2. $4 + 20 =$ ____

3. $37 + 10 =$ ____

4. $18 + 30 =$ ____

5. $6 + 30 =$ ____

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

Do you understand? When you add 30 to 16, which digit in 16 stays the same? Explain.

Independent Practice

Use the hundred chart to add tens.

6. $59 + 40 =$ ____

7. $61 + 30 =$ ____

8. $53 + 40 =$ ____

9. $73 + 20 =$ ____

10. $63 + 30 =$ ____

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

Algebra Write the missing number.

11. $48 +$ ____ $= 88$

12. $24 +$ ____ $= 44$

Problem Solving

Solve the problems below.

13. Some hens laid 23 eggs. Then they laid 20 more eggs. How many eggs did the hens lay in all? Use the hundred chart to solve.

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

_____ eggs

14. 28 people were in one bus.
30 people were in another bus.

Which number sentence shows how many people were in both buses?

$20 + 30 = 50$ ◯ $28 + 30 = 58$ ◯ $30 + 58 = 88$ ◯ $38 + 30 = 68$ ◯

15. **Journal** Write a number story for $26 + 30$.

_____

_____

_____

_____

FOLD

FOLD

Name _____

Interactive Learning

Lesson 20-3

Adding on a Hundred Chart

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

1. _____ + _____ _____ = _____
tens ones

2. _____ + _____ _____ = _____
tens ones

3. _____ + _____ _____ = _____
tens ones

Home Connection Your child used a hundred chart to add 2-digit numbers.
Home Activity Ask your child to count on by 10s from various 2-digit numbers. For example, count on by 10s from 67 to add 30 (67, 77, 87, 97).

NS 2.2, Grade 2 Find the sum or difference of two whole numbers up to three digits long. Also **NS 2.6, MR 2.1.**

You can use a hundred chart to add.

Start on 45.

$45 + 23 = ?$

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

For every 10 you add, move down one row.

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

23 has 2 tens. Move down two rows.

For every 1 you add, move right one column.

23 has 3 ones. Move three columns to the right.

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

$45 + 23 = \underline{68}$

Guided Practice

Use a hundred chart to add.

1. $36 + 3 = \underline{39}$

2. $11 + 37 = \_\_\_\_$

3. $26 + 13 = \_\_\_\_$

4. $14 + 5 = \_\_\_\_$

5. $7 + 22 = \_\_\_\_$

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

Do you understand? How do you add 54 + 32 on a hundred chart?

Independent Practice

Use a hundred chart to add.

6. $65 + 24 = \_\_\_\_$

7. $73 + 22 = \_\_\_\_$

8. $52 + 13 = \_\_\_\_$

9. $61 + 38 = \_\_\_\_$

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

Reasoning Use a hundred chart. Follow the clues. Then write the addition sentence.

10. Start at 42.
Move down two rows.
Move right five columns.

$\_\_\_\_ + \_\_\_\_ = \_\_\_\_$

Problem Solving

Use a hundred chart to solve the problems below.

11. Mei read 45 pages last week.
This week she read 43 pages.
How many pages did Mei read in all?

_____ pages

12. Eli has 36 baseball cards.
Chad has 23 baseball cards.
They put all the cards in an album.
How many baseball cards are in the album?

49	50	59	60
○	○	○	○

13. **Journal** Tim used a hundred chart.
He wrote the directions below to solve 56 + 32.
Did Tim get the correct answer? Explain.

Start at 56.
Move down two rows.
Move right three columns. _____

_____

_____

FOLD

FOLD

Name _____

Interactive Learning

Lesson 20-4

Adding Tens to Two-Digit Numbers

1.

_____ + _____ = _____

2.

_____ + _____ = _____

3.

_____ + _____ = _____

4.

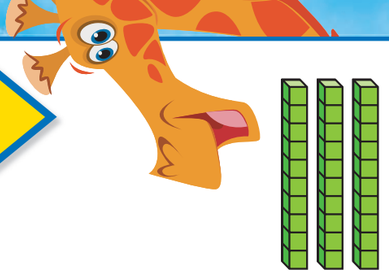
_____ + _____ = _____

Home Connection Your child added multiples of 10 to 2-digit numbers.
Home Activity Ask your child to add 20, 30, or 40 to 2-digit numbers less than 60 (such as 25 + 40). Ask your child to count by 10s to solve.

NS 2.2, Grade 2 Find the sum or difference of two whole numbers up to three digits long.
Also **SDAP 2.1**.

You can add tens to a number.

$28 + 30 = ?$



$28 + 30 = ?$

Start with 28.
Count by 10s to add 30.

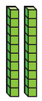
28, 38, 48, 58

The tens digit changes. The ones digit stays the same.

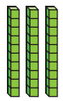
$28 + 30 = 58$

Guided Practice

Write each number sentence.

1. 14 

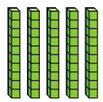
14 + 20 = 34

2. 42 

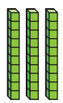
___ + ___ = ___

3. 31

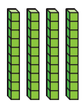
___ + ___ = ___

4. 27 

___ + ___ = ___

5. 29 

___ + ___ = ___

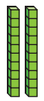
6. 46 

___ + ___ = ___

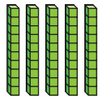
Do you understand? Which digit changes when you add 30 to 54? How does it change?

Independent Practice

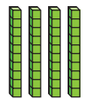
Write each number sentence.

7. 78 

___ + ___ = ___

8. 17 

___ + ___ = ___

9. 45 

___ + ___ = ___

10. 61

___ + ___ = ___

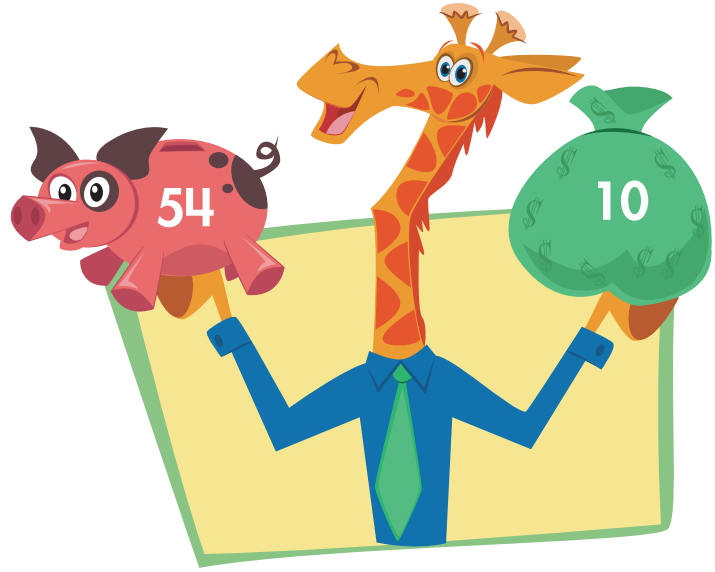
Algebra Write the missing numbers.
Then write the last addition problem in the pattern.

11.

29	39	□	59	□
+ □	+ 10	+ 10	+ 10	+ □
39	□	59	□	□

Problem Solving

Solve the problems below.



12. Jamal has 54 coins in his piggy bank. Jamal's dad gives him a bag of 10 coins. How many coins does Jamal have now? Write a number sentence to solve.

_____ coins

_____ + _____ = _____

13. Liza has 37 stickers.
She gets 2 more packs of stickers.
Each pack has 10 stickers.
How many stickers does Liza have now?

47	57	67	77
○	○	○	○

14. **Journal** Draw a picture to show how you know that $62 + 20 = 82$.

FOLD

FOLD

Name _____

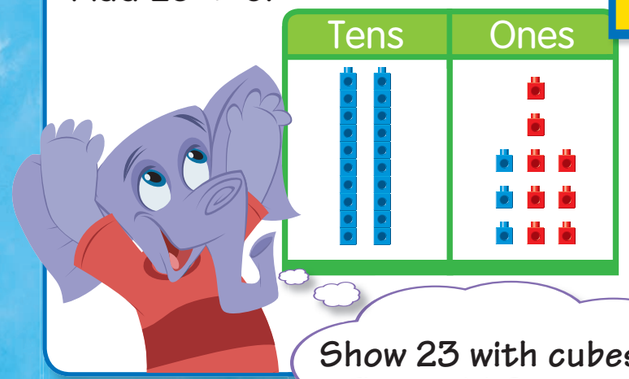
Adding to a Two-Digit Number

Interactive Learning Lesson 20-5

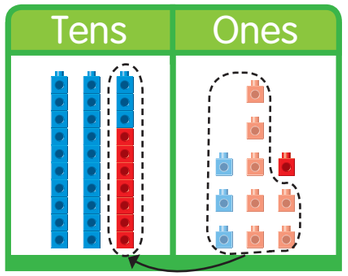
Add	Do you need to regroup?	
1. _____ + _____ = _____	yes	no
2. _____ + _____ = _____	yes	no
3. _____ + _____ = _____	yes	no
4. _____ + _____ = _____	yes	no
5. _____ + _____ = _____	yes	no
6. _____ + _____ = _____	yes	no

Home Connection Your child used cubes to add 1-digit numbers to 2-digit numbers with and without regrouping.
Home Activity Ask your child to solve 34 + 8 by drawing a picture of cubes.
NS 2.6 Solve addition and subtraction problems with one- and two-digit numbers (e.g., 5 + 58 = __). Also **MR 1.2.**

Add 23 + 8.

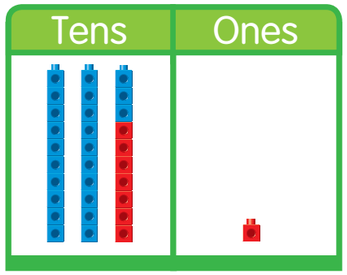


Regroup 10 ones as 1 ten to find the sum.



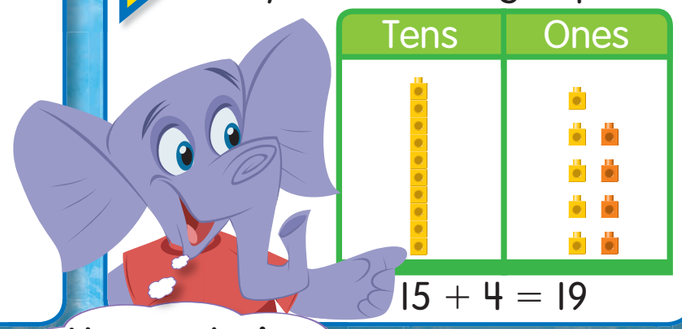
23 + 8 = ?

What is the sum?



23 + 8 = 31

Add 15 + 4.
Do you need to regroup?



15 + 4 = 19

Word Bank
regroup

Guided Practice

Use cubes and your workmat.
Write the sum.

	Show	Add	Do you need to regroup?		Find the sum.
1.	17	9	(yes)	no	17 + 9 = 26
2.	45	4	yes	no	45 + 4 = _____
3.	29	6	yes	no	29 + 6 = _____
4.	32	7	yes	no	32 + 7 = _____

Do you understand? When you add 36 + 7, why does the tens digit change?

Independent Practice

Use cubes and your workmat.
Write the sum.

	Find the sum.	Do you need to regroup?	
5.	47 + 5 = _____	yes	no
6.	14 + 5 = _____	yes	no
7.	37 + 3 = _____	yes	no
8.	22 + 6 = _____	yes	no

Reasonableness

9. Paula said she regrouped when she added 34 + 5. Is she correct?

Problem Solving

Use cubes and your workmat to solve.

10. The art teacher had 45 paintbrushes.
He bought 6 more.
How many paintbrushes does he have now?

_____ paint brushes

11. The art students painted 15 pictures on Monday.
The art students painted 9 more pictures on Tuesday.
How many pictures did the students paint in all?

_____ pictures

12. There are 37 jars of paint on the top shelf.
There are 6 jars of paint on the bottom shelf.
How many jars of paint are there in all?

33	42	43	53
○	○	○	○

13. Journal Write an addition sentence that uses regrouping.

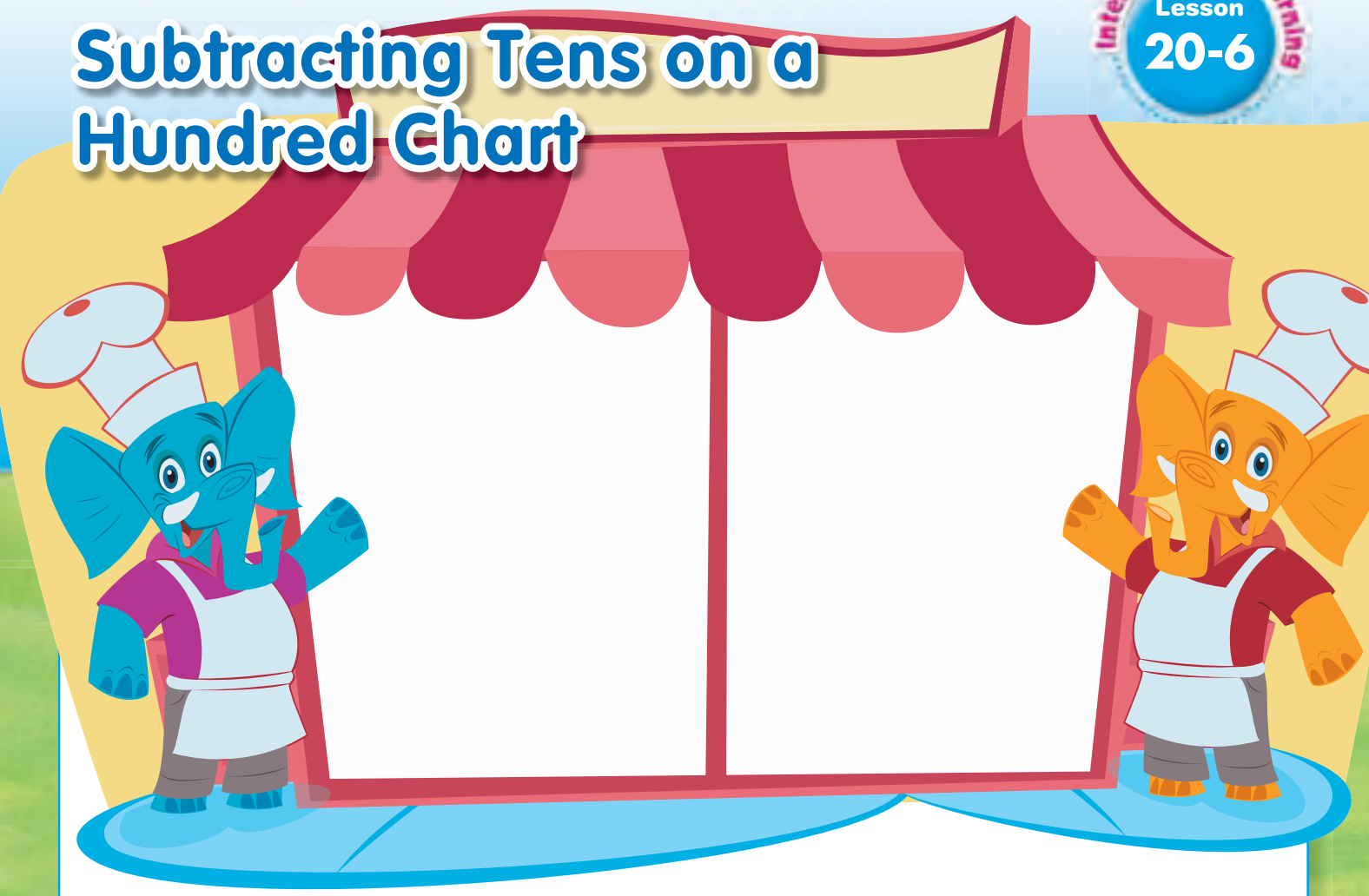
FOLD

FOLD

Name _____

Lesson 20-6

Subtracting Tens on a Hundred Chart



1. _____ − 10 = _____

2. _____ − 20 = _____

3. _____ − 30 = _____

4. _____ − 40 = _____

5. _____ − 20 = _____

6. _____ − 10 = _____

7. _____ − 40 = _____

8. _____ − 30 = _____

Home Connection Your child used a hundred chart to subtract multiples of 10 from 2-digit numbers (for example, 56 − 30 = 26 and 35 − 20 = 15).
Home Activity Ask your child to count back by 10s from 90 (90, 80, 70, 60, 50, 40, 30, 20, 10).

NS 2.2, Grade 2 Find the sum or difference of two whole numbers up to three digits long.

You can use a hundred chart to subtract tens.

67 − 20 = ?

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

For every 10 you subtract, move up one row.

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

67 − 20 = 47

20 is 2 tens. Move up two rows.

Check your work. Start at 67. Count back by 10s.

67, 57, 47

Guided Practice

Use the hundred chart to subtract tens.

1. 43 − 10 = 33

2. 25 − 20 = ____

3. 27 − 10 = ____

4. 48 − 20 = ____

5. 33 − 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

Do you understand? Use a hundred chart and count back by 10s to solve 86 − 50. How many tens are you subtracting?

Independent Practice

Use the hundred chart to subtract tens.

6. 75 − 20 = ____

7. 81 − 20 = ____

8. 92 − 20 = ____

9. 69 − 10 = ____

10. 97 − 30 = ____

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

Algebra Write the missing numbers.

11. 37 − ____ = 17

Problem Solving

Solve the problems below.

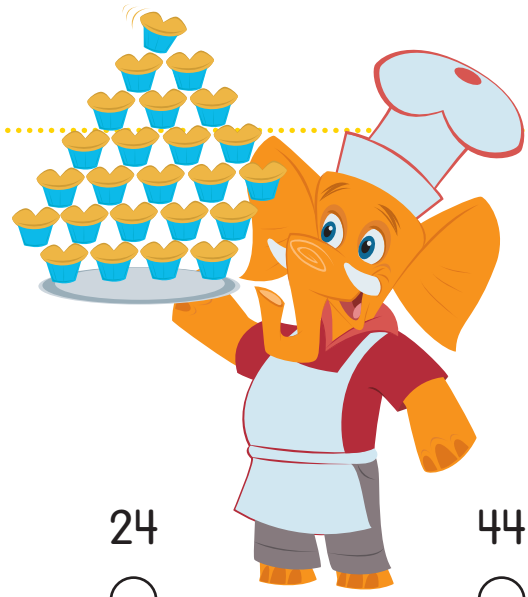
12. Eduardo brought 28 oranges to a picnic. His friends ate 10 oranges. How many oranges are left? Write a number sentence. Use the hundred chart to solve.

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

_____ − _____ = _____

_____ oranges

13. Leo made 24 muffins for his class picnic. His classmates ate 20 muffins. How many muffins are left?



4 ○ 14 ○ 24 ○ 44 ○

14. **Journal** Circle a number in the last row of a hundred chart. Subtract 20. Write your subtraction sentence.

_____ − _____ = _____

FOLD

FOLD

Name _____

Interactive Learning

Lesson 20-7

Subtracting Tens from Two-Digit Numbers

1.

_____ – _____ = _____

2.

_____ – _____ = _____

3.

_____ – _____ = _____

4.

_____ – _____ = _____

Home Connection Your child used cubes to subtract tens from 2-digit numbers.
Home Activity Pick a number from 1 through 9. Ask your child to count forward by 10s from the number. When your child reaches the 90s, ask him or her to count back by 10s (3, 13, 23, …, 83, 93, 83, 73, 63, …, 23, 13, 3).

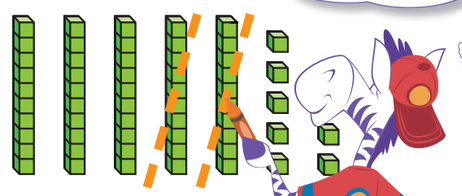
NS 2.2, Grade 2 Find the sum or difference of two whole numbers up to three digits long.
Also **MR 2.1.**

You can subtract tens from a number.

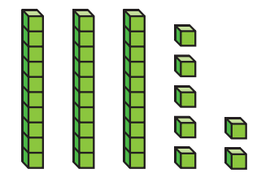
$57 - 20 = ?$

20 is 2 tens.

Cross out the tens to subtract.



The difference is 37.

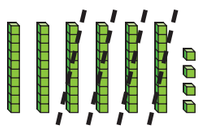


$57 - 20 = 37$

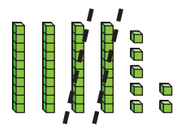
The tens digit changes. The ones digit stays the same.

Guided Practice

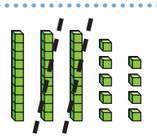
Write each number sentence.

1. 

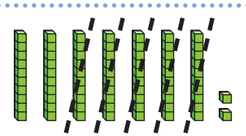
64 – 40 = 24

2. 

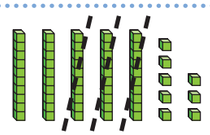
___ – ___ = ___

3. 

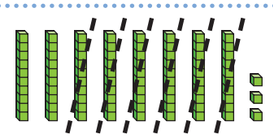
___ – ___ = ___

4. 

___ – ___ = ___

5. 

___ – ___ = ___

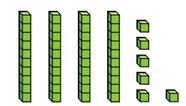
6. 

___ – ___ = ___

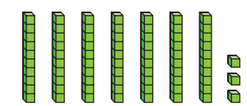
Do you understand? Which digit changes when you subtract tens? Which digit stays the same? Explain.

Independent Practice

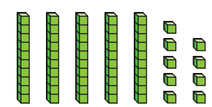
Cross out the tens. Write the difference.

7. 

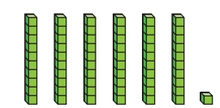
46 – 30 = ___

8. 

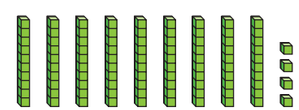
73 – 40 = ___

9. 

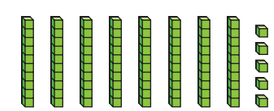
59 – 20 = ___

10. 

61 – 50 = ___

11. 

94 – 30 = ___

12. 

85 – 40 = ___

Reasonableness Circle true or false.

13. 55 – 20 = 75

True False

Problem Solving

Solve the problems below.

14. Chase has 67 toy cars.
40 of the cars are blue.
The rest are red.
How many toy cars are red?
Write a subtraction sentence to solve.

_____ − _____ = _____

_____ red cars

15. Gina collects 45 stamps.
She gives 20 stamps to Ross.
Which number sentence shows how many stamps Gina has left?

40 − 20 = 20	40 + 20 = 60	45 − 20 = 25	45 + 20 = 65
○	○	○	○

16. **Journal** Janet wants to solve 86 − 40.
Draw a picture to help Janet find the difference.
Write the subtraction sentence.

_____ − _____ = _____

FOLD

FOLD

Name _____

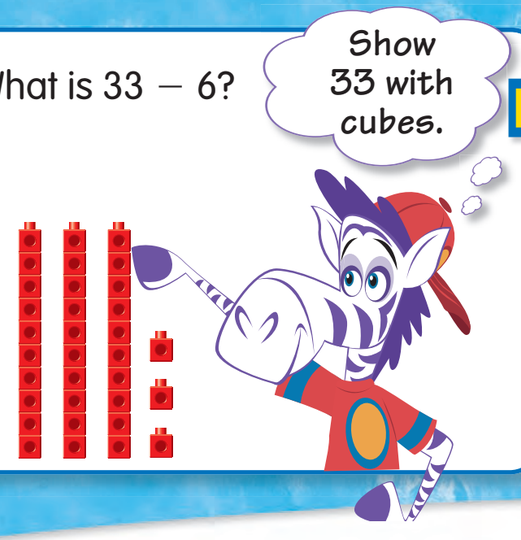
Interactive Learning Lesson 20-8

Subtracting from a Two-Digit Number

Subtract	Do you need to regroup?	
1. 45 − 7 = _____	yes	no
2. _____ − _____ = _____	yes	no
3. _____ − _____ = _____	yes	no
4. _____ − _____ = _____	yes	no
5. _____ − _____ = _____	yes	no
6. _____ − _____ = _____	yes	no

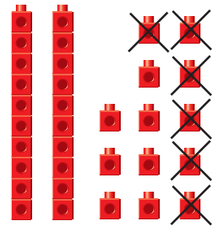
Home Connection Your child used cubes to subtract 1-digit numbers from 2-digit numbers with and without regrouping.
Home Activity Ask your child to draw cubes in order to solve 36 − 5 (31).
NS 2.6 Solve addition and subtraction problems with one- and two-digit numbers (e.g., 5 + 58 = __). Also **MR 1.2.**

What is 33 − 6?



Subtract 6 from 33.

Now there are enough ones. You can subtract 6.



So 33 − 6 = 27.

What is 56 − 5?

So 56 − 5 = 51.

Guided Practice

Use cubes and your workmat.
Write the difference.

	Show	Subtract	Do you need to regroup?		Find the difference.
1.	52	3	(yes)	no	52 − 3 = 49
2.	36	6	yes	no	36 − 6 = _____
3.	48	5	yes	no	48 − 5 = _____
4.	25	8	yes	no	25 − 8 = _____

Do you understand? Do you need to regroup when you subtract 32 − 5? How do you know?

Independent Practice

Use cubes and your workmat.
Write the difference.

	Find the difference.	Do you need to regroup?	
5.	42 − 8 = _____	yes	no
6.	57 − 4 = _____	yes	no
7.	28 − 5 = _____	yes	no
8.	37 − 9 = _____	yes	no

Estimation Circle the better estimate.

9. 51 − 9 = ?
   about 40 about 50

10. 73 − 4 = ?
   about 60 about 70

Problem Solving

Solve the problems below.

11. There are 36 drummers in the marching band. 8 drummers cannot go to the parade. How many drummers can go to the parade? Use cubes and your workmat.

_____ drummers

12. Tim's CD has 17 songs. He has listened to 6 songs. How many songs are left?

1	11	16	23
○	○	○	○

13. **Journal** Write a subtraction sentence that uses regrouping.

_____ − _____ = _____

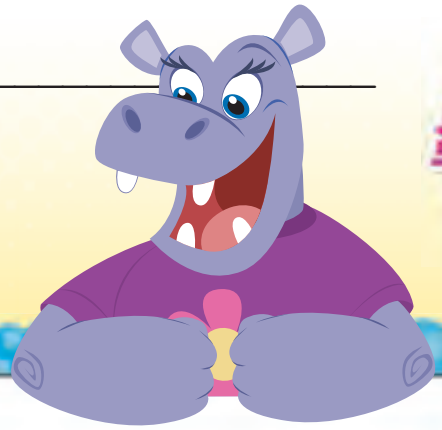
FOLD

FOLD

Name _____

Problem Solving

Extra Information



Interactive Learning Lesson 20-9

1.

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

2.

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

Home Connection Your child learned how to identify information in a story problem that is not needed to solve the problem. Then he or she solved the problem.

Home Activity Pose story problems with extra information for your child. For example, "Mark has 25 stickers. He read 35 pages in his book. He found 13 more stickers. How many stickers does Mark have now?" [38]

MR 1.1 Determine the approach, materials, and strategies to be used. Also **MR 2.2, NS 2.6.**

Read and Understand

There are 23 cows.
The barn has 32 windows.
There are 15 sheep.
How many animals are there in all?

Plan

I can cross out information I do not need.

There are 23 cows.
~~The barn has 32 windows.~~
There are 15 sheep.
How many animals are there in all?

Solve

$23 + 15 = \underline{38}$

There are 38 animals.

Look Back and Check

I can re-read the problem to make sure I used the right information.

Guided Practice

Cross out the extra information.
Write a number sentence to solve the problem.
Use cubes or a hundred chart to help.

1. Anna played checkers for 35 minutes. Then she played checkers for 20 more minutes. ~~She has 42 marbles.~~

How many minutes did Anna play checkers?

$$\begin{array}{r} 35 \\ +\ 20 \\ \hline 55 \end{array}$$ minutes

2. Tim has 55 stamps.
He wrote 27 letters last summer.
This summer Tim wrote 41 letters.

How many letters did Tim write in all?

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

Do you understand? How do you know what information to cross out in a problem?

Independent Practice

Cross out the extra information.
Write a number sentence to solve the problem.
Use cubes or a hundred chart to help.

3. One basketball team scored 46 points. There are 18 girls on the team. The other basketball team scored 53 points.

How many points were scored in all?

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

4. Sam has 21 children in his class. One week Sam's class collected 57 cans to recycle. They collected 34 cans the next week.

How many cans did Sam's class collect in all?

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

Problem Solving

Solve the problems below.

5. 32 children rode on one bus.
35 children rode on another bus.
5 adults rode on each bus.
How many children rode on a bus?
Cross out the extra information.

Write a number sentence to solve the problem.

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

6. One book has 46 pages.
Mary read 38 pages.
Another book has 51 pages.
How many pages are in both books?

Which sentence is extra information?

One book has 46 pages.	Mary read 38 pages.	Another book has 51 pages.	How many pages are in both books?
○	○	○	○

7. **Journal** Write a story problem with extra information.
Have a friend solve it.

_____

_____

_____

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FOLD

FOLD

Topic 20 Test

Name _____

1 6 tens + 3 tens = ?

3 ◯ 9 ◯ 3 tens ◯ 9 tens ◯

2 46 + 20 = ?

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

26 ◯ 60 ◯ 66 ◯ 68 ◯

3 32 + 25 = ?

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

57 ◯ 52 ◯ 34 ◯ 7 ◯

4

26 + 30 = 56 ◯ 26 + 13 = 39 ◯ 26 + 10 = 36 ◯ 26 + 3 = 29 ◯

Oral Directions Say: Mark the correct answer. **1.** Add tens to complete the number sentence. **2–3.** Use the part of the hundred chart to add. **4.** How many stamps are there in all? Mark the addition sentence that shows the answer.

5 48 + 8 = ?

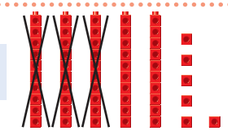
68 ◯ 62 ◯ 56 ◯ 54 ◯

6 65 − 20 = ?

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

85 ◯ 63 ◯ 45 ◯ 40 ◯

7



56 − 3 = 53 ◯ 56 − 30 = 26 ◯ 56 − 33 = 23 ◯ 5 − 3 = 2 ◯

8 47 − 8 = ?

41 ◯ 40 ◯ 39 ◯ 38 ◯

9

◯ Last week Melina collected 41 cans to recycle.
◯ She collected 18 bottles.
◯ This week she collected 36 cans.
◯ How many cans did Melina collect in all?

Oral Directions Say: Mark the correct answer. **5.** Use cubes to solve. Regroup if you need to. **6.** Use the part of the hundred chart to subtract. **7.** Look at the picture. Mark the matching number sentence. **8.** Use cubes. Find the difference. Regroup if you need to. **9.** Listen to this story problem. Mark the sentence that is extra information not needed to solve the problem. Last week Melina collected 41 cans to recycle. She collected 18 bottles. This week she collected 36 cans. How many cans did Melina collect in all?

Topic 20

Reteaching

Set A

You can use a hundred chart to add 34 + 25.

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

1. Start on the first addend.
2. For every 1 you add, move right 1 column.
3. For every 10 you add, move down 1 row.

34 + 25 = 59

Use the part of the hundred chart to add.

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

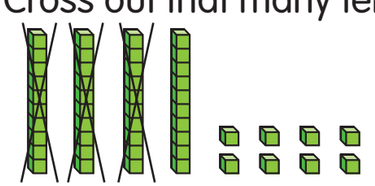
1 21 + 16 = _____

2 43 + 24 = _____

Set B

You can subtract tens.
48 − 30 = ?

1. You need to subtract 30 which is 3 tens.
2. Cross out that many tens.

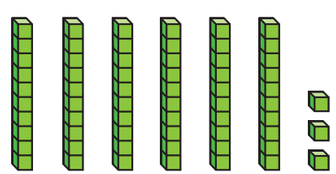


3. Count the tens and ones that are left.

48 − 30 = 18

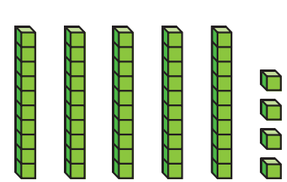
Cross out the tens.
Write the difference.

3



63 − 40 = _____

4



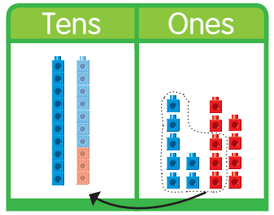
54 − 20 = _____

Set C

When you add, sometimes you need to regroup 10 ones as 1 ten.

17 + 9 = ?

17 + 9 = 26



Did you need to regroup? yes no

Use cubes. Write the sum.

5 33 + 6 = _____

Did you need to regroup?

yes no

6 26 + 7 = _____

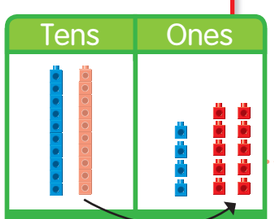
Did you need to regroup?

yes no

Set D

When you subtract, sometimes you need to regroup 1 ten as 10 ones.

Subtract 24 − 8



24 − 8 = 16

Did you need to regroup?

yes no

Use cubes. Write the difference.

7 35 − 5 = _____

Did you need to regroup?

yes no

8 44 − 9 = _____

Did you need to regroup?

yes no