

Name _____

Algebra • Break Apart Ones to Subtract

To subtract a one-digit number,
break it apart.

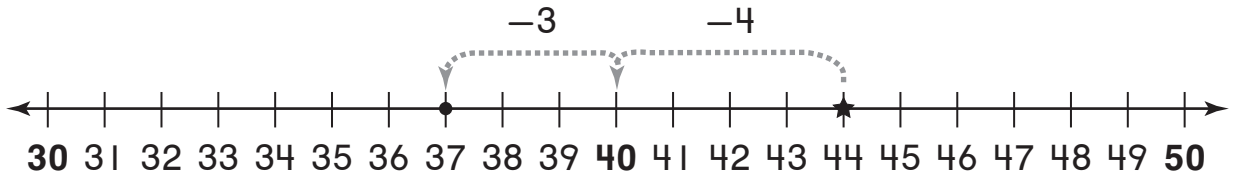
Break apart ones in 7.

- Use 4 because 44 has a 4 in the ones place.
- The other part is 3.

$$44 - 7 = \underline{\quad?}$$

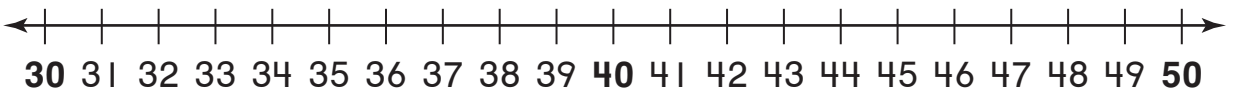
Start at 44.

Subtract 4, and then subtract 3.



So, $44 - 7 = \underline{37}$.

Break apart ones to subtract. Write the difference.



1. $42 - 8 = \underline{\quad}$

2. $47 - 8 = \underline{\quad}$

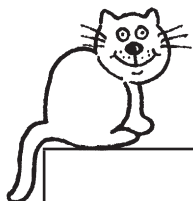
3. $43 - 5 = \underline{\quad}$

4. $41 - 8 = \underline{\quad}$

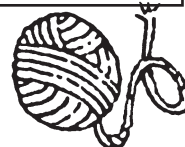
Name _____

A Maze of Thirties

Help the kitten find the path to the ball of yarn.
Write the difference in each box. Color the boxes
that have a difference of 30, 31, or 32.



$39 - 7 = \underline{\quad}$	$34 - 9 = \underline{\quad}$	$35 - 7 = \underline{\quad}$
$41 - 9 = \underline{\quad}$	$38 - 8 = \underline{\quad}$	
$52 - 8 = \underline{\quad}$	$38 - 7 = \underline{\quad}$	
	$38 - 6 = \underline{\quad}$	
$25 - 8 = \underline{\quad}$	$40 - 8 = \underline{\quad}$	
$27 - 6 = \underline{\quad}$	$28 - 5 = \underline{\quad}$	$39 - 8 = \underline{\quad}$
		$37 - 6 = \underline{\quad}$



Writing and Reasoning Write two number sentences that each have a difference of 32 in the empty boxes so the path goes on to the bowl of milk.

Name _____

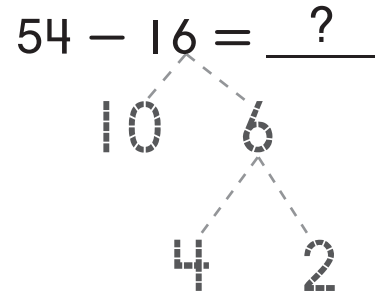
Algebra • Break Apart Numbers to Subtract

To subtract a two-digit number, break it apart.

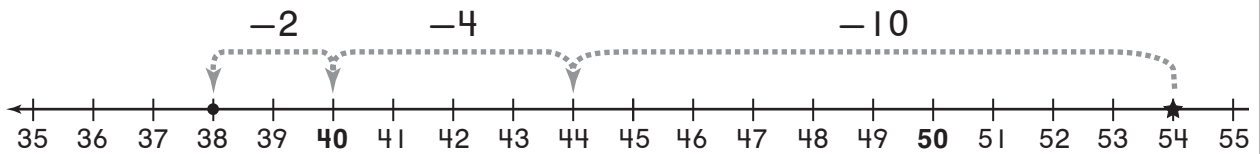
First break apart 16 into tens and ones.

Now break apart ones in 6.

- Use 4 because 54 has a 4 in the ones place.
- The other part is 2.

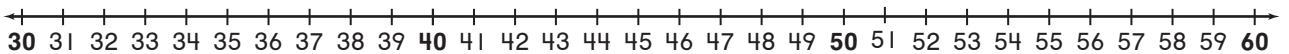


Use the number line to subtract the three parts.



So, $54 - 16 = \underline{38}$.

**Break apart the number you are subtracting.
Write the difference.**



1. $51 - 16 = \underline{\quad}$

2. $57 - 18 = \underline{\quad}$

3. $54 - 17 = \underline{\quad}$

4. $52 - 18 = \underline{\quad}$

Name _____

Subtraction Bingo

Find the difference for each subtraction problem.

Draw a line through spaces that have the same difference.

B	I	N	G	O
$35 - 14$ = _____	$26 - 14$ = _____	$35 - 19$ = _____	$33 - 19$ = _____	$62 - 36$ = _____
$29 - 12$ = _____	$39 - 18$ = _____	$42 - 19$ = _____	$64 - 29$ = _____	$53 - 28$ = _____
$55 - 16$ = _____	$43 - 28$ = _____	Free Space	$32 - 19$ = _____	$53 - 12$ = _____
$52 - 9$ = _____	$61 - 25$ = _____	$41 - 13$ = _____	$47 - 26$ = _____	$68 - 39$ = _____
$57 - 19$ = _____	$62 - 17$ = _____	$46 - 28$ = _____	$54 - 17$ = _____	$40 - 19$ = _____



Writing and Reasoning Write two subtraction problems that each have a difference of 28.

Name _____

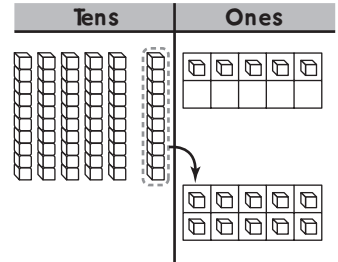
Model Regrouping for Subtraction

Subtract 37 from 65.

Are there enough ones to subtract 7? no

So, you will need to regroup.

Trade 1 ten for 10 ones.



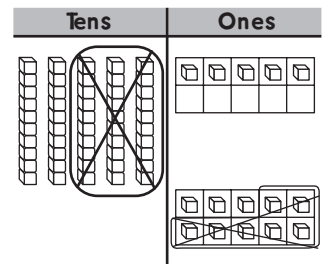
Subtract the ones. Then subtract the tens.

$$15 \text{ ones} - 7 \text{ ones} = \underline{8} \text{ ones}$$

$$5 \text{ tens} - 3 \text{ tens} = \underline{2} \text{ tens}$$

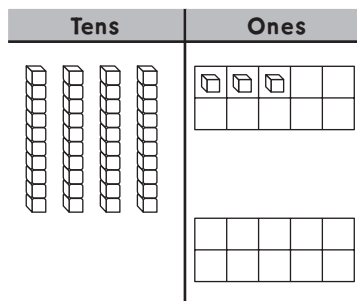
$$\underline{2} \text{ tens } \underline{8} \text{ ones is the same as } \underline{28}.$$

$$\text{The difference is } \underline{28}.$$



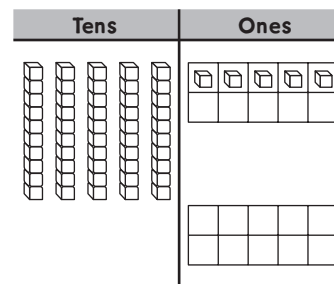
Draw to show the regrouping. Write the tens and ones that are in the difference. Write the number.

1. Subtract 18 from 43.



_____ tens _____ ones

2. Subtract 19 from 55.



_____ tens _____ ones

Name _____

Choose the Numbers

Use two numbers below to make a subtraction problem with regrouping. Write a word problem for the subtraction. Then solve.

28	33	45	57	39	36
----	----	----	----	----	----



Writing and Reasoning Which of the numbers above could be subtracted from 84 without regrouping? Explain.

Name _____

Model and Record 2-Digit Subtraction

<p>Subtract. $\begin{array}{r} 54 \\ - 15 \\ \hline \end{array}$</p> <p>Are there enough ones to subtract 5? <u>no</u></p>	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">○ ○ ○ ○</td> </tr> </tbody> </table>	Tens	Ones		○ ○ ○ ○	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">□</td> <td style="text-align: center;">□</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">- 1</td> <td style="text-align: center;">- 5</td> </tr> <tr> <td style="text-align: center;">□</td> <td style="text-align: center;">□</td> </tr> </tbody> </table>	Tens	Ones	□	□	5	4	- 1	- 5	□	□
Tens	Ones															
	○ ○ ○ ○															
Tens	Ones															
□	□															
5	4															
- 1	- 5															
□	□															
<p>Regroup 1 ten as 10 ones.</p> <p>Write the new number of tens and ones.</p>	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○</td> </tr> </tbody> </table>	Tens	Ones		○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">14</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">- 1</td> <td style="text-align: center;">- 5</td> </tr> <tr> <td style="text-align: center;">□</td> <td style="text-align: center;">□</td> </tr> </tbody> </table>	Tens	Ones	4	14	5	4	- 1	- 5	□	□
Tens	Ones															
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Tens	Ones															
4	14															
5	4															
- 1	- 5															
□	□															
<p>Subtract the ones.</p> <p>14 ones - 5 ones = <u>9</u> ones</p> <p>Write that number in the ones place.</p> <p>Subtract the tens.</p> <p>4 tens - 1 ten = <u>3</u> tens</p> <p>Write that number in the tens place.</p>	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○</td> </tr> </tbody> </table>	Tens	Ones		○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">14</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">- 1</td> <td style="text-align: center;">- 5</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">9</td> </tr> </tbody> </table>	Tens	Ones	4	14	5	4	- 1	- 5	3	9
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Tens	Ones															
4	14															
5	4															
- 1	- 5															
3	9															

Draw a quick picture to solve. Write the difference.

1.

Tens	Ones
□	□
4	3
- 1	- 6
□	□

Tens	Ones

2.

Tens	Ones
□	□
3	1
- 1	- 7
□	□

Tens	Ones

Name _____

The Lost Digits

Some digits fell out of these subtraction problems.

Put them back where they belong.

Write the correct digit in each box.

1.

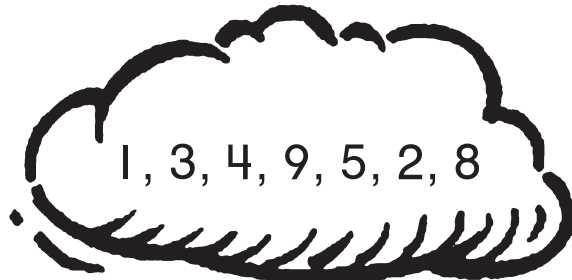
Tens	Ones
4	8
1	<input type="text"/>
3	4

2.

Tens	Ones
2	15
3	5
1	<input type="text"/>
1	6

3.

Tens	Ones
7	8
<input type="text"/>	6
2	2



4.

Tens	Ones
<input type="text"/>	18
4	8
<input type="text"/>	9
2	9

5.

Tens	Ones
4	<input type="text"/>
1	1
3	1

6.

Tens	Ones
2	8
1	<input type="text"/>
1	0



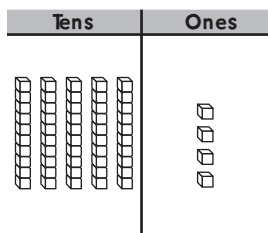
Writing and Reasoning How did you decide which digit to use in Exercise 6?

Name _____

2-Digit Subtraction

Subtract.
$$\begin{array}{r} 54 \\ - 28 \\ \hline \end{array}$$

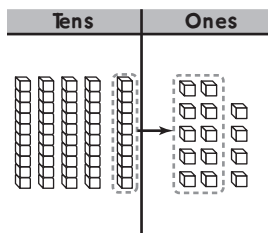
Are there enough ones to subtract 8? no



Tens	Ones
<input type="text"/>	<input type="text"/>
5	4
- 2	8
<input type="text"/>	<input type="text"/>

Regroup 1 ten as 10 ones.

Write the new number of tens and ones.

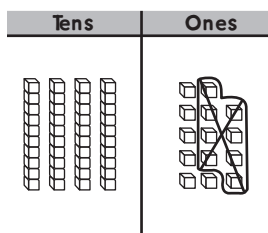


Tens	Ones
<input type="text"/>	<input type="text"/>
5	4
2	14
- 2	8
<input type="text"/>	<input type="text"/>

Subtract the ones.

14 ones - 8 ones = 6 ones

Write that number in the ones place.

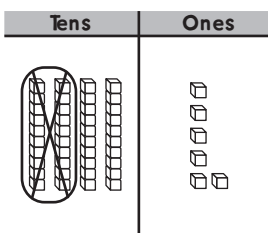


Tens	Ones
<input type="text"/>	<input type="text"/>
4	14
2	8
-	6
<input type="text"/>	<input type="text"/>

Subtract the tens.

4 tens - 2 tens = 2 tens

Write that number in the tens place.



Tens	Ones
<input type="text"/>	<input type="text"/>
3	14
2	8
-	6
2	6

Regroup if you need to. Write the difference.

1.

Tens	Ones
<input type="text"/>	<input type="text"/>
7	2
- 4	5
<input type="text"/>	<input type="text"/>

2.

Tens	Ones
<input type="text"/>	<input type="text"/>
5	1
- 1	3
<input type="text"/>	<input type="text"/>

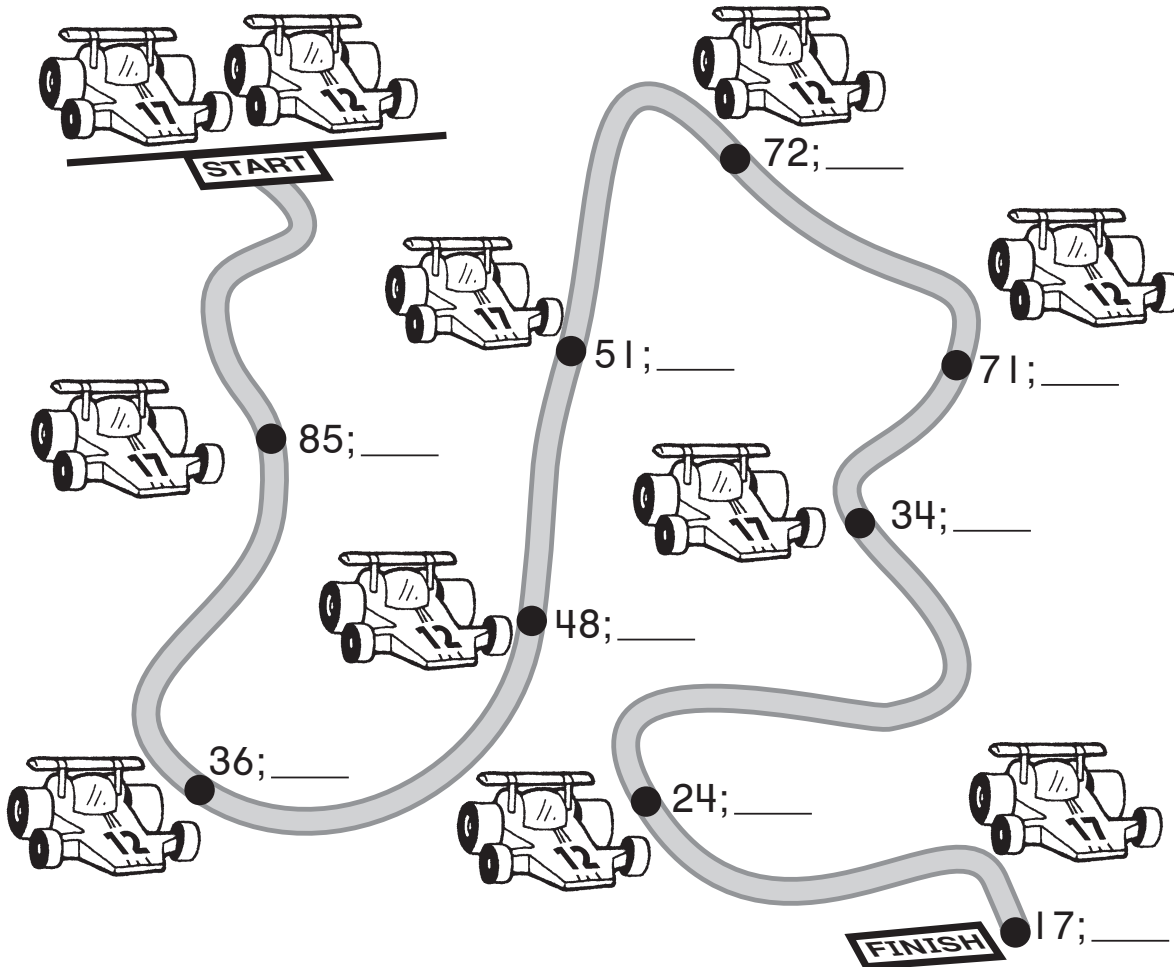
3.

Tens	Ones
<input type="text"/>	<input type="text"/>
3	8
- 1	6
<input type="text"/>	<input type="text"/>

Name _____

Race to Zero

Each car has a number. Subtract the number on the car from the number on the stop along the road until there is a difference of zero.



Writing and Reasoning Write a subtraction sentence that has a difference of 17 and a subtraction sentence that has a difference of 12.

Name _____

Practice 2-Digit Subtraction

Clay scored 80 points. Meg scored 61 points.
How many more points did Clay score than Meg?

STEP 1

More ones are needed.
Regroup 8 tens 0 ones
as 7 tens 10 ones.

7	10
8	0
- 6	1

STEP 2

Subtract in the
ones column.

7	10
8	0
- 6	1
	9

STEP 3

Subtract in the
tens column.

7	10
8	0
- 6	1
1	9

Write the difference.

1.

$$\begin{array}{r} 60 \\ -27 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 37 \\ -22 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 61 \\ -48 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 70 \\ -26 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 37 \\ -19 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 55 \\ -14 \\ \hline \end{array}$$

Name _____

Subtraction Riddles

Solve each subtraction problem. Each difference matches with a letter. Write those letters below the differences to solve each riddle.

A 21	B 32	C 9	D 11	E 40	F 49	G 17	H 2	I 16	J 10	K 23	L 51	M 28
N 26	O 29	P 71	Q 65	R 50	S 14	T 1	U 34	V 18	W 52	X 44	Y 47	Z 8

What falls in winter but never gets hurt?

$$\begin{array}{r} 21 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 44 \\ - 18 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 63 \\ - 11 \\ \hline \end{array}$$

What room can no one enter?

$$\begin{array}{r} 50 \\ - 22 \\ \hline \end{array} \quad \begin{array}{r} 44 \\ - 10 \\ \hline \end{array} \quad \begin{array}{r} 28 \\ - 14 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ - 36 \\ \hline \end{array} \quad \begin{array}{r} 75 \\ - 25 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ - 21 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ - 26 \\ \hline \end{array}$$

What has a mouth but can never eat?

$$\begin{array}{r} 67 \\ - 17 \\ \hline \end{array} \quad \begin{array}{r} 28 \\ - 12 \\ \hline \end{array} \quad \begin{array}{r} 57 \\ - 39 \\ \hline \end{array} \quad \begin{array}{r} 60 \\ - 20 \\ \hline \end{array} \quad \begin{array}{r} 59 \\ - 9 \\ \hline \end{array}$$



Writing and Reasoning Choose two letters.

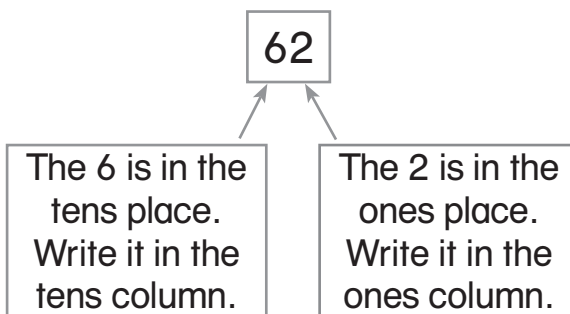
Write two subtraction problems with those differences.

Name _____

Rewrite 2-Digit Subtraction

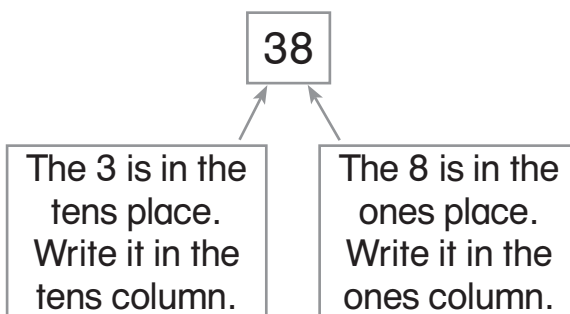
$$62 - 38 = ?$$

Rewrite 62 first.



Tens	Ones
□	□
6	2
—	
□	□

Then rewrite 38.



Tens	Ones
□	□
6	2
3	8
—	
□	□

Now the ones digits are in a column and the tens digits are in a column.

Subtract. Write the difference.

Tens	Ones
5	12
6	2
3	8
—	
2	4

Rewrite the subtraction problem. Find the difference.

1. $56 - 24$

Tens	Ones
□	□
—	
□	□

2. $74 - 37$

Tens	Ones
□	□
—	
□	□

3. $43 - 15$

Tens	Ones
□	□
—	
□	□

Name _____

How Many Could There Be?

Write and solve two subtraction problems that show how many of each animal there might be. Then write the numbers.

1. There are four different kinds of animals on the farm.

There is a different number of each kind of animal.

There are 19 more cows than sheep.

There are 19 more ducks than hens.

There are more hens than cows.

_____ COWS

_____ SHEEP

_____ DUCKS

_____ HENS



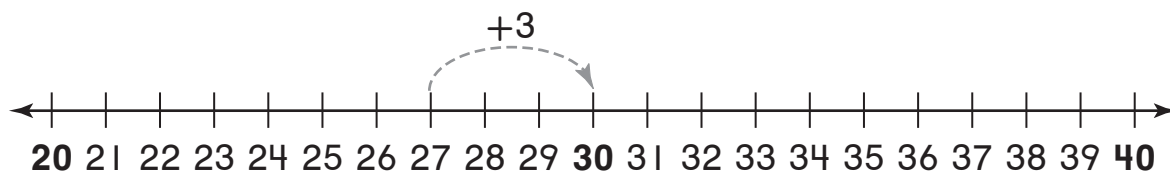
Writing and Reasoning How did you find the answers?

Name _____

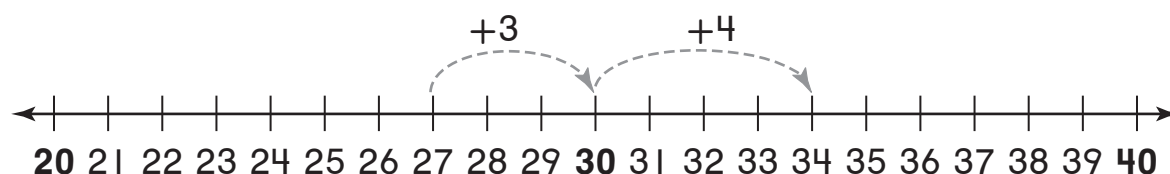
Add to Find Differences

Count up to solve. $34 - 27 = ?$

Start at 27. Count up 3 to 30.



To get to 34 from 30, count up 4 more.

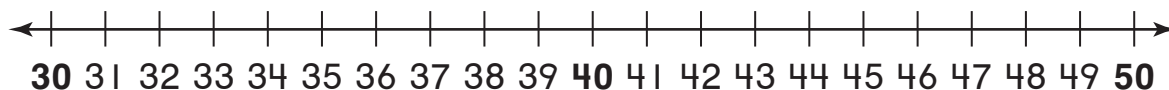


7 was added
to get to 34.

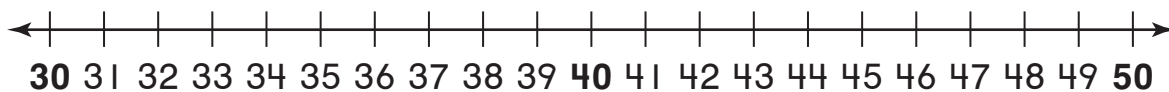
So, $34 - 27 = \underline{7}$.

Count up to find the difference.

1. $41 - 37 = \underline{\quad}$



2. $43 - 38 = \underline{\quad}$



Name _____

Riddles with a Difference

Which numbers go in each story?
Write numbers from the box that
work for each story. Then write a
subtraction sentence.

81	75	73	64	52	47
----	----	----	----	----	----

1. The Lions scored _____ points in the game.
The Bears scored _____ points in the game.
The Bears won by 5 points.

2. A choir has _____ singers. 6 singers missed
the concert. So only _____ singers sang
in the concert.

3. A parking lot has _____ spaces in all. Mr. Lee
counted 9 empty spaces. So he knew that
there were _____ cars parked in the lot.



Writing and Reasoning How did you decide which
numbers to use in Exercise 1?

Name _____

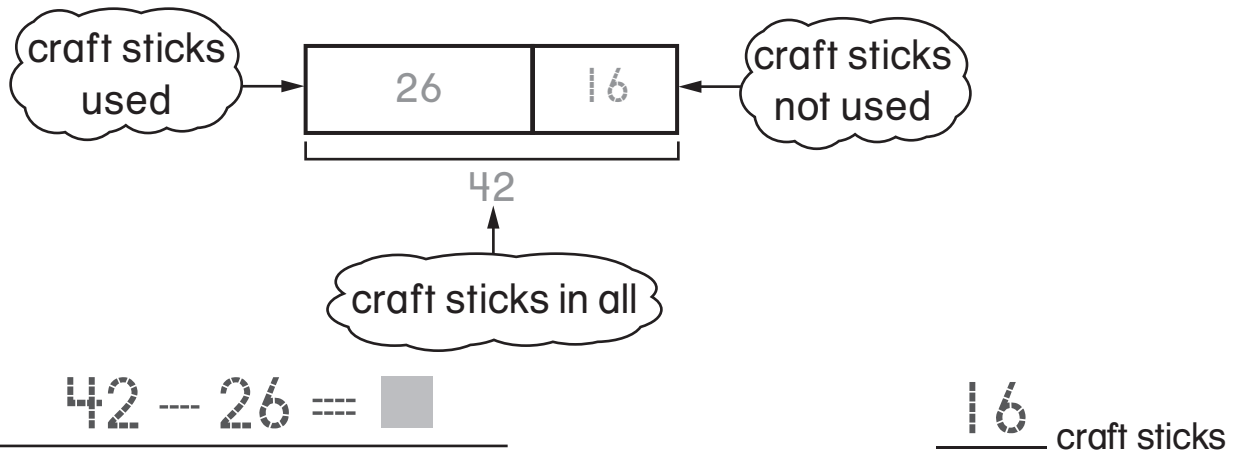
Problem Solving • Subtraction

Katie had a box of 42 craft sticks. She used 26 craft sticks to make a sailboat. How many craft sticks were not used?

Unlock the Problem

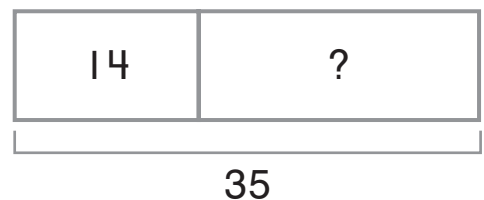
<p>What do I need to find?</p> <p><u>how many craft sticks</u> were not used</p>	<p>What information do I need to use?</p> <p>Katie had <u>42 craft sticks</u>.</p> <p>She used <u>26 craft sticks</u>.</p>
---	---

Show how to solve the problem.



Write a number sentence with a \blacksquare for the missing number. Solve.

1. Ms. Lee took 35 purses to the fair. She sold 14 purses. How many purses does she have left?



_____ purses

Name _____

The Art of Differences

Complete each problem to get the given answer.

<p>1. Emilio needs _____ markers for his project. He has only _____ markers. How many more markers does he need?</p> <p style="text-align: center;"><u>12</u> more markers</p>	<p>2. _____ projects were on the counter. _____ students picked up their projects. How many projects are still on the counter?</p> <p style="text-align: center;"><u>13</u> projects</p>
<p>3. Terrell had _____ pieces of paper. He used _____ pieces of paper for drawings. How many pieces of paper does he have left?</p> <p style="text-align: center;"><u>34</u> pieces of paper</p>	<p>4. _____ students made paintings in class. _____ of those students are girls. How many of those students are boys?</p> <p style="text-align: center;"><u>9</u> boys</p>



Writing and Reasoning Choose a problem.

Explain the reasoning you used to solve the problem.

Name _____

Algebra • Write Equations to Represent Subtraction

37 birds were in the trees.
13 birds flew away.
How many birds are in the trees now?

The bar model shows the problem.



Use the bar model to write a number sentence.

$$37 - 13 = \blacksquare$$

Subtract to find the missing part.

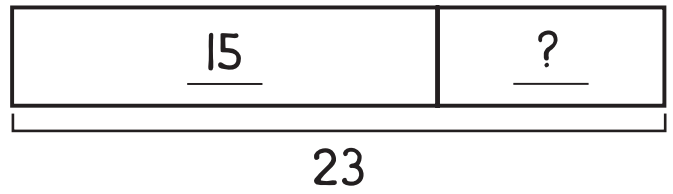
So, the answer is 24 birds.

$$\begin{array}{r} 37 \\ - 13 \\ \hline 24 \end{array}$$

Write a number sentence for the problem.

Use a \blacksquare for the missing number. Then solve.

1. Gina has 23 pens. 15 pens are blue and the rest are red. How many pens are red?



_____ red pens

Name _____

Find the Numbers

The answer for each problem is given.
Choose numbers from the box to
complete each problem.

17

45

48

54

61

63

1. Alex had _____ points in the spelling game. Sophie had _____ points in the spelling game. How many more points did Sophie have in the game than Alex? 15 more points
-

2. Tim has a box of sports cards. He took _____ cards out of the box, and _____ cards were left in the box. How many cards were in the box to start with? 62 cards
-



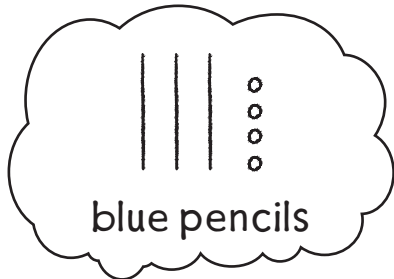
Writing and Reasoning Describe how you chose the numbers for Exercise 2.

Name _____

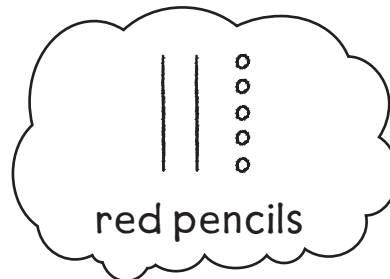
Solve Multistep Problems

Mr. Wright had 34 blue pencils and 25 red pencils. He gave 42 pencils to students. How many pencils does he have now?

The first sentence tells you what Mr. Wright had.

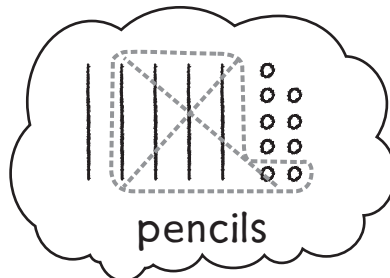


and



$$\begin{array}{r} 34 \\ + 25 \\ \hline 59 \end{array}$$

The second sentence tells you that he gave 42 of the pencils to students.



$$\begin{array}{r} 59 \\ - 42 \\ \hline 17 \end{array}$$

Mr. Wright has 17 pencils now.

Solve the problem in steps. Show what you did.

- Kara had 37 stickers. She gave 11 stickers to Sam and 5 stickers to Jane. How many stickers does Kara have now?

_____ stickers

Name _____

From 100 to 25

Look at the number given. First, subtract that number from 100. Then, find a number to subtract from that difference to get to 25. The first problem is started for you.

1. 37	$\begin{array}{r} 100 \\ - 37 \\ \hline 63 \end{array}$	$\begin{array}{r} 63 \\ - \quad \\ \hline 25 \end{array}$
2. 52		
3. 14		



Writing and Reasoning Explain how you found the number to subtract to get to 25 in the second step.
