

Name _____

Algebra • Break Apart Ones to Subtract

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

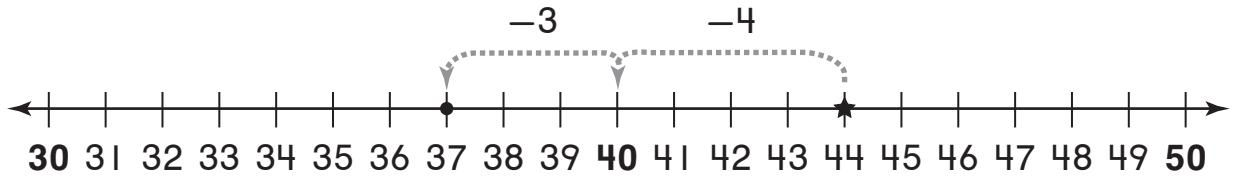
Break apart ones in 7.

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

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

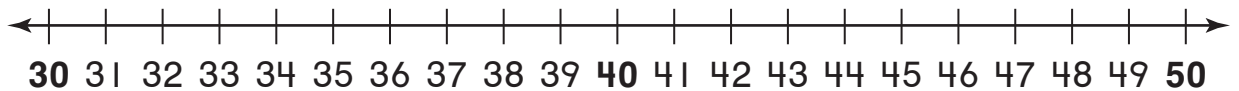
Start at 44.

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 _____

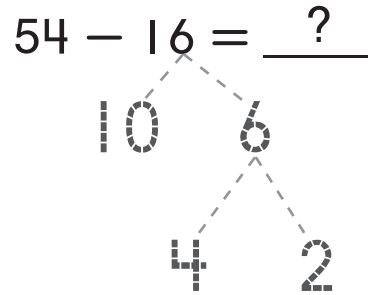
Algebra • Break Apart Numbers to Subtract

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

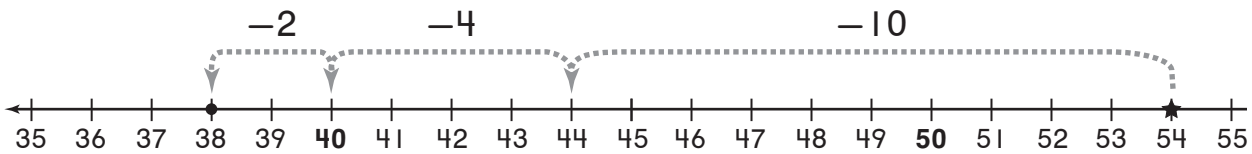
First break apart 16 into tens and ones.

Now break apart ones in 6.

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

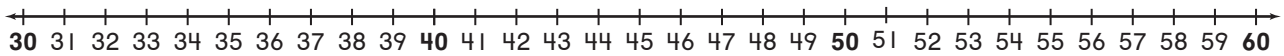


Use the number line to subtract the three parts.



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 _____

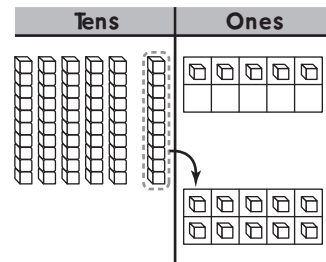
Model Regrouping for Subtraction

Subtract 37 from 65.

Are there enough ones to subtract 7? no

So, you will need to regroup.

Trade 1 ten for 10 ones.



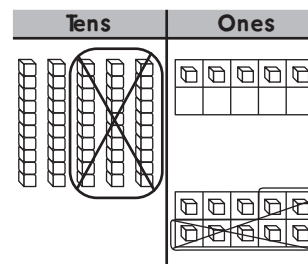
Subtract the ones. Then subtract the tens.

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

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

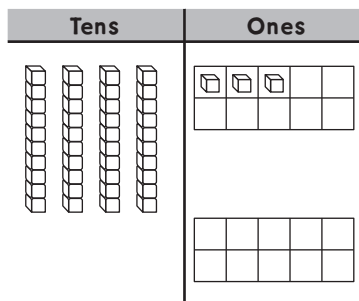
$$\underline{2} \text{ tens } \underline{8} \text{ ones is the same as } \underline{28}$$

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



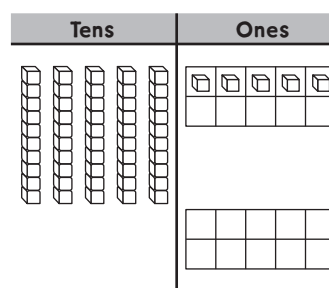
Draw to show the regrouping. Write the tens and ones that are in the difference. Write the number.

1. Subtract 18 from 43.



_____ tens _____ ones

2. Subtract 19 from 55.



_____ tens _____ ones

Name _____

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;">-</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	-	5	□	□
Tens	Ones															
	○○○															
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□	□															
5	4															
-	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;">-</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	-	5	□	□
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	○○○○															
Tens	Ones															
4	14															
5	4															
-	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;">-</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	-	5	3	9
Tens	Ones															
	○○○○															
Tens	Ones															
4	14															
5	4															
-	5															
3	9															

Draw a quick picture to solve. Write the difference.

1.

Tens	Ones
□	□
4	3
-	6
□	□

Tens	Ones

2.

Tens	Ones
□	□
3	1
-	7
□	□

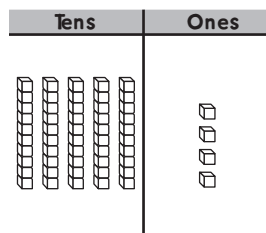
Tens	Ones

Name _____

2-Digit Subtraction

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

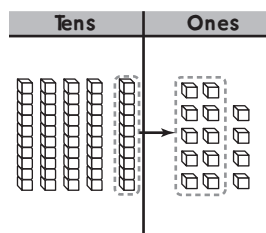
Are there enough ones to subtract 8? no



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

Regroup 1 ten as 10 ones.

Write the new number of tens and ones.

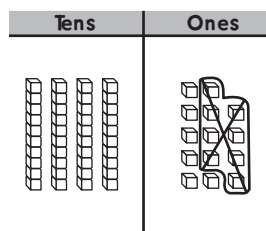


Tens	Ones
<input type="text"/>	<input type="text"/>
5	4
2	14
- 2	8
<hr/>	<hr/>
<input type="text"/>	<input type="text"/>

Subtract the ones.

14 ones - 8 ones = 6 ones

Write that number in the ones place.

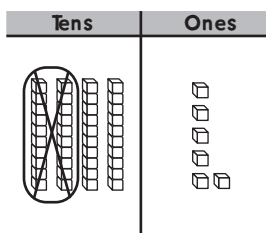


Tens	Ones
<input type="text"/>	<input type="text"/>
4	14
2	14
- 2	8
<hr/>	<hr/>
<input type="text"/>	6

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	14
- 2	8
<hr/>	<hr/>
2	6

Regroup if you need to. Write the difference.

1.

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

2.

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

3.

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

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 _____

Rewrite 2-Digit Subtraction

$$62 - 38 = ?$$

Rewrite 62 first.

62

The 6 is in the tens place.
Write it in the tens column.

The 2 is in the ones place.
Write it in the ones column.

Tens	Ones
□	□
6	2
-	

Then rewrite 38.

38

The 3 is in the tens place.
Write it in the tens column.

The 8 is in the ones place.
Write it in the ones column.

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	2
6	2
3	8
-	
2	4

Rewrite the subtraction problem. Find the difference.

1. $56 - 24$

Tens	Ones
□	□
-	

2. $74 - 37$

Tens	Ones
□	□
-	

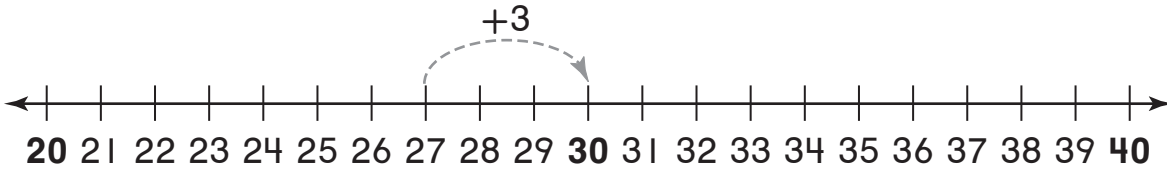
3. $43 - 15$

Tens	Ones
□	□
-	

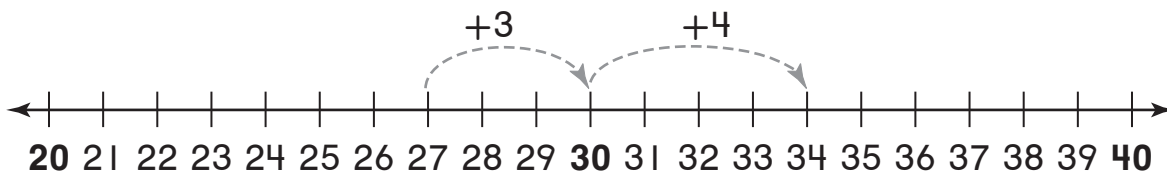
Name _____

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.

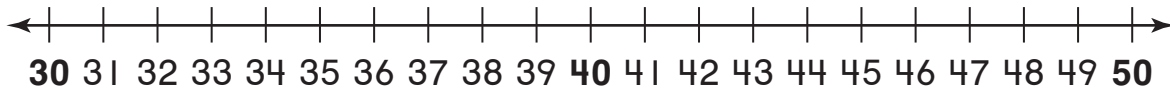


7 was added
to get to 34.

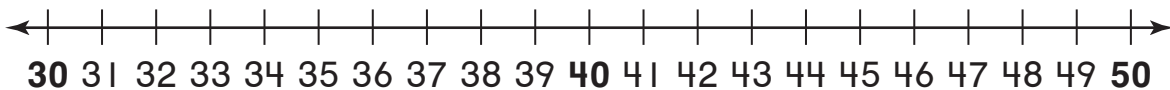
So, $34 - 27 = \underline{7}$.

Count up to find the difference.

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



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



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Problem Solving • Subtraction

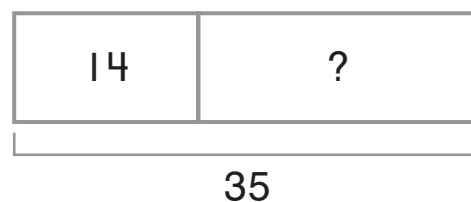
Katie had a box of 42 craft sticks. She used 26 craft sticks to make a sailboat. How many craft sticks were not used?

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>
<p>Show how to solve the problem.</p> <div style="text-align: center; margin: 10px 0;"> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> $42 - 26 = \blacksquare$ </div> <div style="text-align: right;"> <u>16</u> craft sticks </div> </div>	

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 _____

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.

$$\underline{37} - 13 = \blacksquare$$

Subtract to find the missing part.

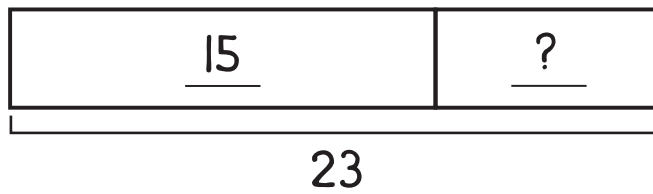
So, the answer is 24 birds.

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

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?



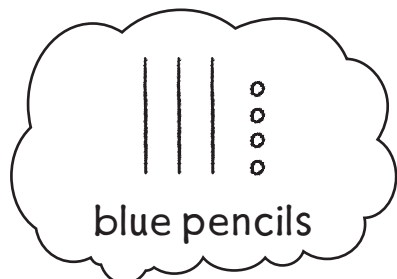
_____ red pens

Name _____

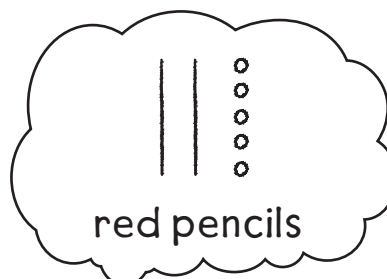
Solve Multistep Problems

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.

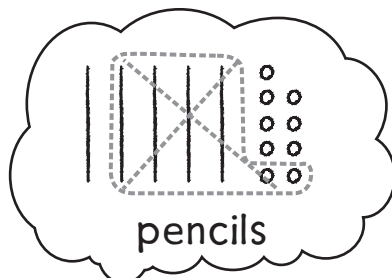


and



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

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.

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

_____ stickers