

COMMON CORE STANDARD CC.2.NBT.5

Use place value understanding and properties of operations to add and subtract.

Algebra • Break Apart Ones to Subtract

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

Break apart ones in 7.

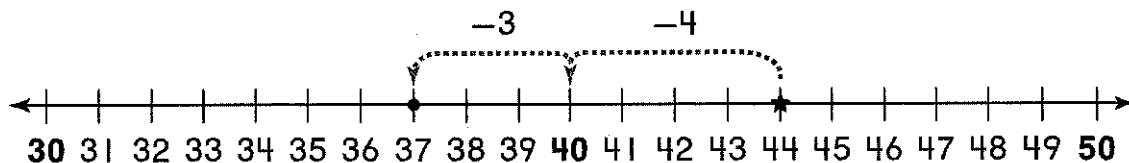
- Use 4 because 44 has a 4 in the ones place.
- The other part is 3.

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

4 3

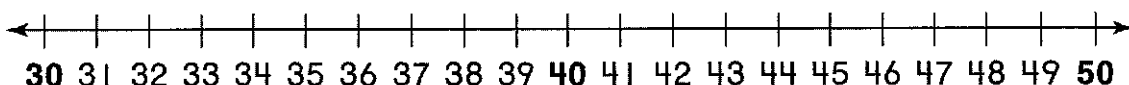
Start at 44.

Subtract 4, and then subtract 3.



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

Break apart ones to subtract. Write the difference.



1. $42 - 8 = \underline{34}$

2. $47 - 8 = \underline{39}$

3. $43 - 5 = \underline{38}$

4. $41 - 8 = \underline{33}$

Name _____

COMMON CORE STANDARD CC.2.NBT.5

Use place value understanding and properties of operations to add and subtract.

Algebra • Break Apart Numbers to Subtract

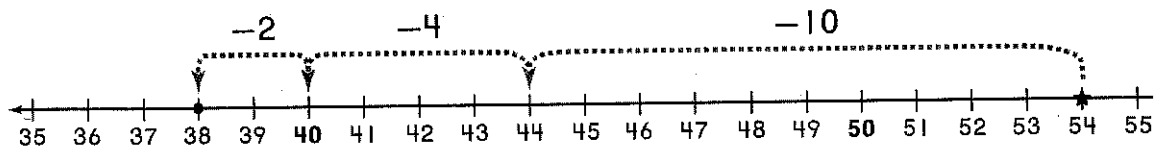
To subtract a two-digit number, break it apart.

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.

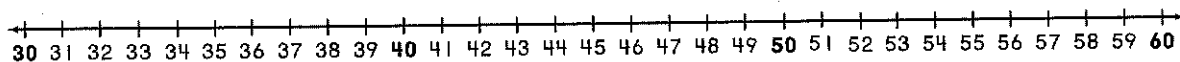


So, $54 - 16 = 38$.

$$54 - 16 = ?$$

Diagram showing the breakdown of 16 into 10 and 6, and then 6 into 4 and 2.

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



1. $51 - 16 = 35$

2. $57 - 18 = 39$

3. $54 - 17 = 37$

4. $52 - 18 = 34$

Name _____

Lesson 5.3
Reteach

COMMON CORE STANDARDS CC.2.NBT.9,
CC.2.NBT.5

Use place value understanding and properties
of operations to add and subtract.

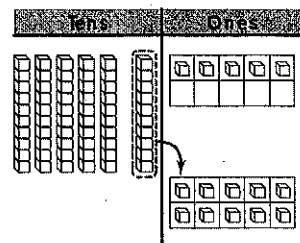
Model Regrouping for Subtraction

Subtract 37 from 65.

Are there enough ones to subtract 7? no

So, you will need to regroup.

Trade 1 ten for 10 ones.



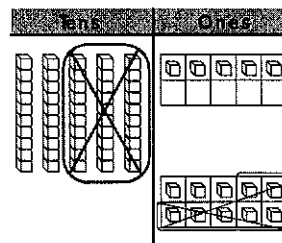
Subtract the ones. Then subtract the tens.

15 ones - 7 ones = 8 ones

5 tens - 3 tens = 2 tens

2 tens 8 ones is the same as 28.

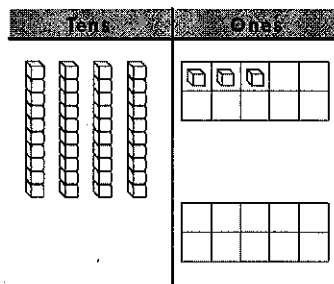
The difference is 28.



Check children's work.

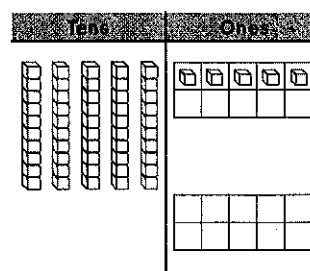
Draw to show the regrouping. Write the
tens and ones that are in the difference.
Write the number.

1. Subtract 18 from 43.



2 tens 5 ones
25

2. Subtract 19 from 55.



3 tens 6 ones
36

Name _____

Lesson 5.4

Reteach

COMMON CORE STANDARD CC.2.NBT.5

Use place value understanding and properties of operations to add and subtract.

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;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">●●●●</td> </tr> </table> | Tens | Ones | | ●●●● | <table border="1" style="margin: auto;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;">□ 5 1</td> <td style="text-align: center;">□ 4 5</td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> </tr> </table> | Tens | Ones | □ 5 1 | □ 4 5 | | |
|---|--|------|------|--|----------|---|------|------|-------------------|--------------------|--|--|
| Tens | Ones | | | | | | | | | | | |
| | ●●●● | | | | | | | | | | | |
| Tens | Ones | | | | | | | | | | | |
| □ 5 1 | □ 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;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">●●●●●●●●</td> </tr> </table> | Tens | Ones | | ●●●●●●●● | <table border="1" style="margin: auto;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;">5 4</td> <td style="text-align: center;">4 14</td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> </tr> </table> | Tens | Ones | 5 4 | 4 14 | | |
| Tens | Ones | | | | | | | | | | | |
| | ●●●●●●●● | | | | | | | | | | | |
| Tens | Ones | | | | | | | | | | | |
| 5 4 | 4 14 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| <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;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">●●●●●●●●</td> </tr> </table> | Tens | Ones | | ●●●●●●●● | <table border="1" style="margin: auto;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;">4 3</td> <td style="text-align: center;">14 9</td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> </tr> </table> | Tens | Ones | 4 3 | 14 9 | | |
| Tens | Ones | | | | | | | | | | | |
| | ●●●●●●●● | | | | | | | | | | | |
| Tens | Ones | | | | | | | | | | | |
| 4 3 | 14 9 | | | | | | | | | | | |
| | | | | | | | | | | | | |

Check children's drawings.

Draw a quick picture to solve. Write the difference.

| <p>1.</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">13</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">6</td> </tr> <tr> <td style="border-top: 1px solid black; text-align: center;">2</td> <td style="border-top: 1px solid black; text-align: center;">7</td> </tr> </table> <table border="1" style="display: inline-table;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="height: 100px;"></td> <td style="height: 100px;"></td> </tr> </table> | Tens | Ones | 3 | 13 | 4 | 3 | 1 | 6 | 2 | 7 | Tens | Ones | | | <p>2.</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">11</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">7</td> </tr> <tr> <td style="border-top: 1px solid black; text-align: center;">1</td> <td style="border-top: 1px solid black; text-align: center;">4</td> </tr> </table> <table border="1" style="display: inline-table;"> <tr> <th style="padding: 2px;">Tens</th> <th style="padding: 2px;">Ones</th> </tr> <tr> <td style="height: 100px;"></td> <td style="height: 100px;"></td> </tr> </table> | Tens | Ones | 2 | 11 | 3 | 1 | 1 | 7 | 1 | 4 | Tens | Ones | | |
|---|--------------|------|---|----|--------------|--------------|---|---|---|---|------|------|--|--|---|------|------|---|----|--------------|--------------|---|---|---|---|------|------|--|--|
| Tens | Ones | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tens | Ones | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tens | Ones | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tens | Ones | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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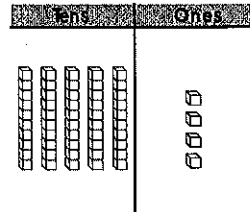
COMMON CORE STANDARD CC.2.NBT.5

Use place value understanding and properties of operations to add and subtract.

2-Digit Subtraction

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

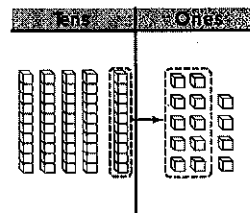
Are there enough ones to subtract 8? no



| 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.

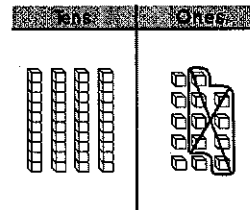


| Tens | Ones |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| 5 | 4 |
| 4 | 14 |
| - 2 | - 8 |
| <input type="text"/> | <input type="text"/> |

Subtract the ones.

$$14 \text{ ones} - 8 \text{ ones} = \underline{6} \text{ ones}$$

Write that number in the ones place.

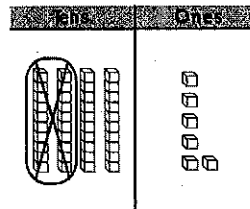


| Tens | Ones |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| 5 | 4 |
| 4 | 14 |
| - 2 | - 8 |
| <input type="text"/> | 6 |

Subtract the tens.

$$4 \text{ tens} - 2 \text{ tens} = \underline{2} \text{ tens}$$

Write that number in the tens place.



| Tens | Ones |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| 5 | 4 |
| 4 | 14 |
| - 2 | - 8 |
| 2 | 6 |

Regroup if you need to. Write the difference.

1.

| Tens | Ones |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| 6 | 12 |
| - 7 | - 2 |
| 4 | 5 |
| 2 | 7 |

2.

| Tens | Ones |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| 4 | 11 |
| - 5 | - 1 |
| 1 | 3 |
| 3 | 8 |

3.

| Tens | Ones |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| 3 | 8 |
| - 1 | - 6 |
| 2 | 2 |

COMMON CORE STANDARD CC.2.NBT.5

Use place value understanding and properties of operations to add and subtract.

Practice 2-Digit Subtraction

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

| STEP 1 | STEP 2 | STEP 3 |
|---|---|---|
| <p>More ones are needed. Regroup 8 tens 0 ones as 7 tens 10 ones.</p> $\begin{array}{r l} 7 & 10 \\ \hline 8 & 0 \\ -6 & 1 \\ \hline & \end{array}$ | <p>Subtract in the ones column.</p> $\begin{array}{r l} 7 & 10 \\ \hline 8 & 0 \\ -6 & 1 \\ \hline & 9 \end{array}$ | <p>Subtract in the tens column.</p> $\begin{array}{r l} 7 & 10 \\ \hline 8 & 0 \\ -6 & 1 \\ \hline 1 & 9 \end{array}$ |

Write the difference.

1.

$$\begin{array}{r} 510 \\ \cancel{5} \cancel{0} \\ -27 \\ \hline 33 \end{array}$$

2.

$$\begin{array}{r} 37 \\ -22 \\ \hline 15 \end{array}$$

3.

$$\begin{array}{r} 511 \\ \cancel{5} \cancel{1} \\ -48 \\ \hline 13 \end{array}$$

4.

$$\begin{array}{r} 610 \\ \cancel{6} \cancel{0} \\ -26 \\ \hline 44 \end{array}$$

5.

$$\begin{array}{r} 217 \\ \cancel{2} \cancel{1} \\ -19 \\ \hline 18 \end{array}$$

6.

$$\begin{array}{r} 55 \\ -14 \\ \hline 41 \end{array}$$

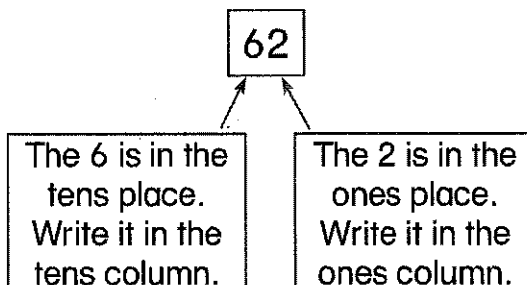
Rewrite 2-Digit Subtraction

COMMON CORE STANDARD CC.2.NBT.5

Use place value understanding and properties of operations to add and subtract.

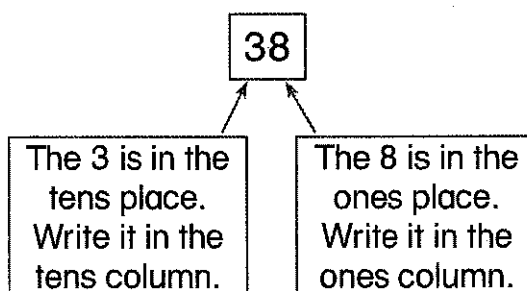
$$62 - 38 = ?$$

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 |
|------|------|
| 5 | 6 |
| 2 | 4 |
| - | |
| 3 | 2 |

2. $74 - 37$

| Tens | Ones |
|--------------|--------------|
| 7 | 4 |
| 7 | 4 |
| 3 | 7 |
| - | |
| 3 | 7 |

3. $43 - 15$

| Tens | Ones |
|--------------|--------------|
| 4 | 3 |
| 4 | 3 |
| 1 | 5 |
| - | |
| 2 | 8 |

Name _____

Lesson 5.8
Reteach

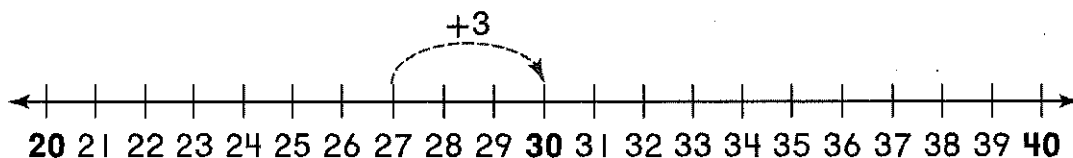
COMMON CORE STANDARD CC.2.NBT.5

Use place value understanding and properties of operations to add and subtract.

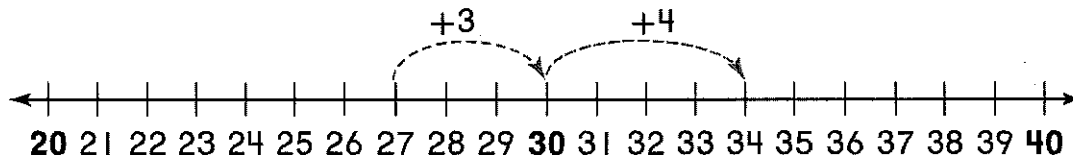
Add to Find Differences

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

Start at 27. Count up 3 to 30.



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

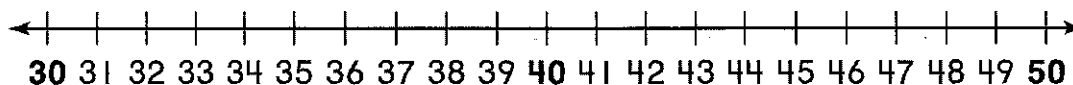


7 was added
to get to 34.

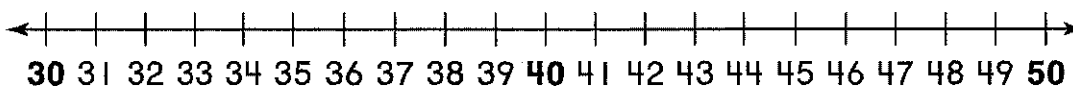
So, $34 - 27 = \underline{7}$.

Count up to find the difference.

1. $41 - 37 = \underline{4}$



2. $43 - 38 = \underline{5}$



COMMON CORE STANDARD CC.2.OA.1

Represent and solve problems involving addition and subtraction.

Problem Solving • Subtraction

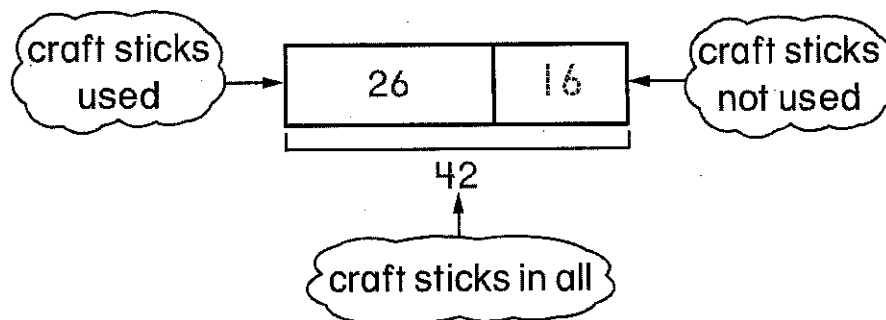
Katie had a box of 42 craft sticks. She used 26 craft sticks to make a sailboat. How many craft sticks were not used?

Unlock the Problem

What do I need to find?

how many craft stickswere not used

What information do I need to use?

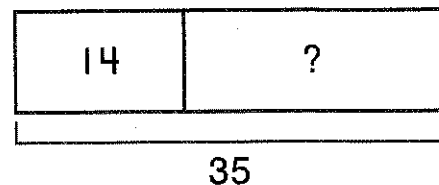
Katie had 42 craft sticksShe used 26 craft sticks**Show how to solve the problem.**

$$42 - 26 = \blacksquare$$

$$\underline{16} \text{ craft sticks}$$

Write a number sentence with **Check children's work.****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?



$$35 - 14 = \blacksquare$$

$$\underline{21} \text{ purses}$$

COMMON CORE STANDARD CC.2.OA.1

Represent and solve problems involving addition and subtraction.

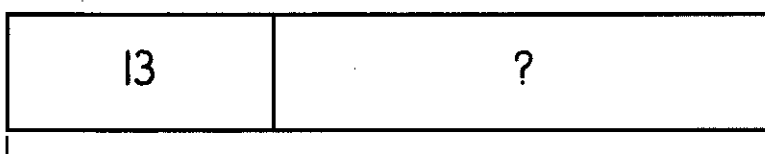
Algebra • Write Equations to Represent Subtraction

37 birds were in the trees.

13 birds flew away.

How many birds are in the trees now?

The bar model shows the problem.



37

Use the bar model to write a number sentence.

$$37 - 13 = \blacksquare$$

Subtract to find the missing part.

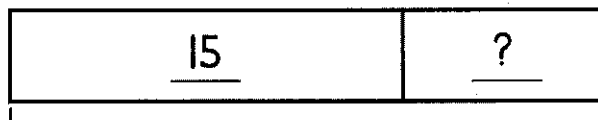
So, the answer is 24 birds.

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

Write a number sentence for the problem.

Use a \blacksquare for the missing number. Then solve.**Possible number sentence is given.**

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

23

$$23 - 15 = \blacksquare$$

8 red pens

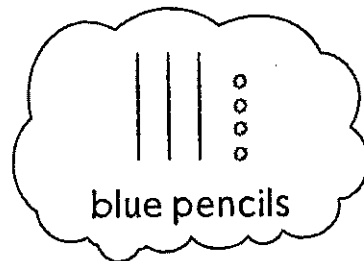
COMMON CORE STANDARD CC.2.OA.1

Represent and solve problems involving addition and subtraction.

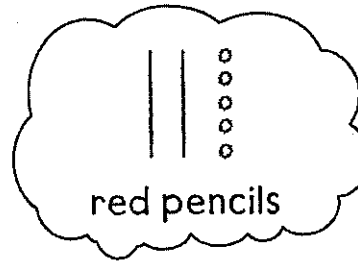
Solve Multistep Problems

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.

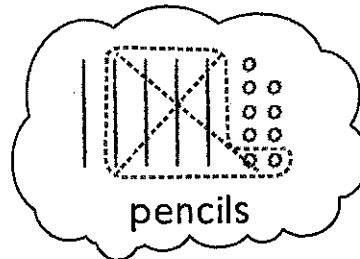


and



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

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?

Check children's work.

21 stickers