

NAME _____

DATE _____

Tens & Ones

1 Tell how many tens and ones there are in each set of base ten pieces. Then write an equation to show the total.

example 	10's	1's
	3	6
	Equation	
	$30 + 6 = 36$	
a 	10's	1's
	Equation	
b 	10's	1's
	Equation	
c 	10's	1's
	Equation	
d 	10's	1's
	Equation	

2 Tell how many dimes and pennies there are in each box. Then write an equation to show the total.

example 	Dimes	Pennies
	2	1
	Equation	
	$20¢ + 1¢ = 21¢$	
a 	Dimes	Pennies
	Equation	
b 	Dimes	Pennies
	Equation	
c 	Dimes	Pennies
	Equation	
d 	Dimes	Pennies
	Equation	

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Nuts & Carrots

1 The squirrels are hiding nuts for the winter. Three of the squirrels each got 4 nuts. Five of the squirrels each got 5 nuts. How many nuts do they have in all? Show your work.

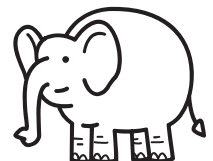
The squirrels got _____ nuts in all.



CHALLENGE

2 The zookeeper brought 9 bunches of carrots for the elephants. Each bunch had 5 carrots. He gave one of the elephants 24 carrots. How many carrots were left for the other elephants? Show your work.

There were _____ carrots left for the other elephants.

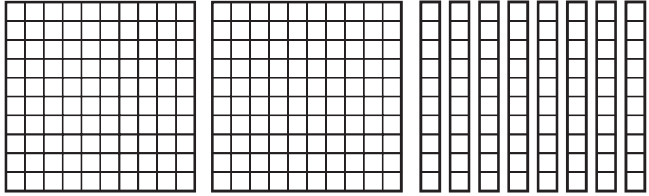
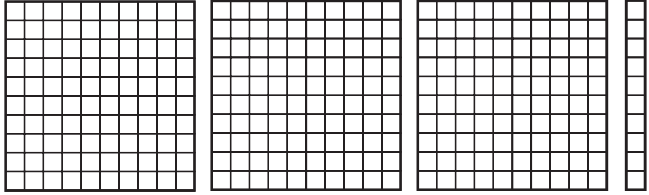
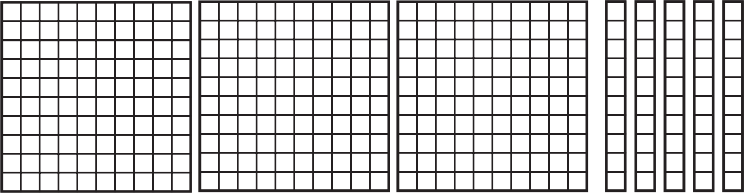
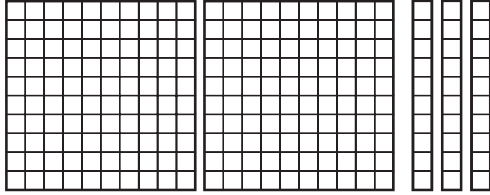
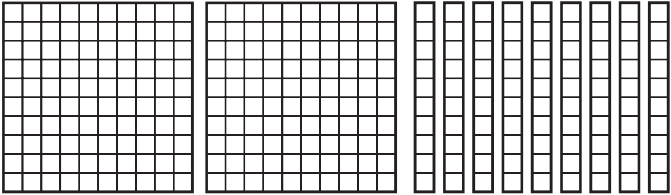


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Different Ways to Look at the Same Number

Tell how many hundreds, tens, and ones there are in each number. Use the pictures to help.

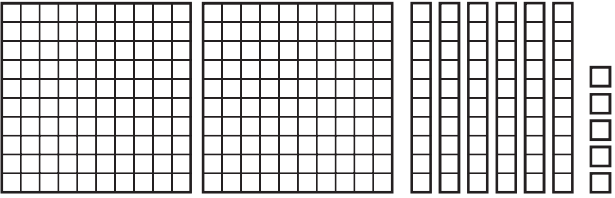
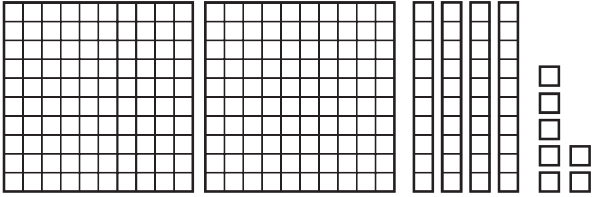
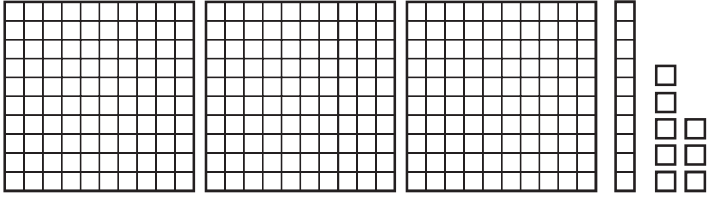
<p>example</p> <p>There are <u>2</u> hundreds in 280.</p> <p>There are <u>28</u> tens in 280.</p> <p>There are <u>280</u> ones in 280.</p>	
<p>1</p> <p>There are _____ hundreds in 310.</p> <p>There are _____ tens in 310.</p> <p>There are _____ ones in 310.</p>	
<p>2</p> <p>There are _____ hundreds in 350.</p> <p>There are _____ tens in 350.</p> <p>There are _____ ones in 350.</p>	
<p>3</p> <p>There are _____ hundreds in 230.</p> <p>There are _____ tens in 230.</p> <p>There are _____ ones in 230.</p>	
<p>4</p> <p>There are _____ hundreds in 290.</p> <p>There are _____ tens in 290.</p> <p>There are _____ ones in 290.</p>	

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Hundreds, Tens & Ones

1 Tell how many hundreds, tens, and ones there are in each number. Use the pictures to help.

<p>example</p> <p>There are <u>2</u> hundreds in 265.</p> <p>There are <u>26</u> tens in 265.</p> <p>There are <u>265</u> ones in 265.</p>	
<p>a</p> <p>There are _____ hundreds in 247.</p> <p>There are _____ tens in 247.</p> <p>There are _____ ones in 247.</p>	
<p>b</p> <p>There are _____ hundreds in 318.</p> <p>There are _____ tens in 318.</p> <p>There are _____ ones in 318.</p>	



CHALLENGE

2 Find the number on the right that matches the number on the left. Draw a line to show.

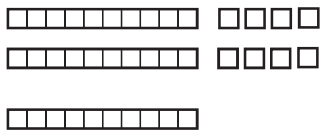
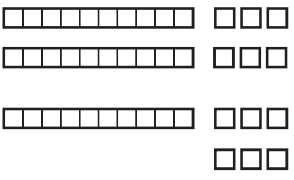
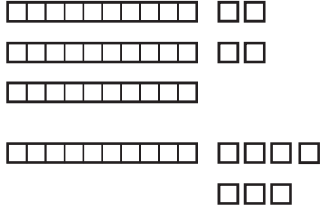
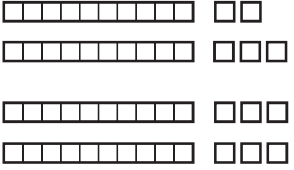
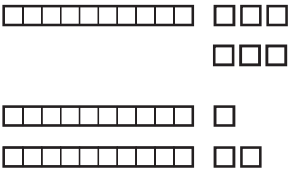
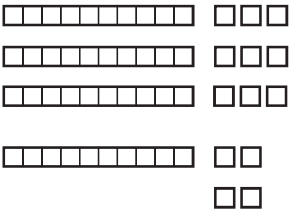
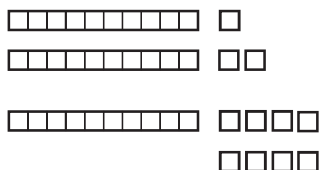
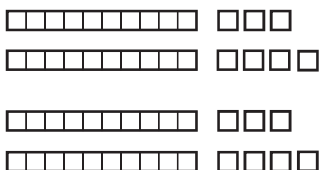
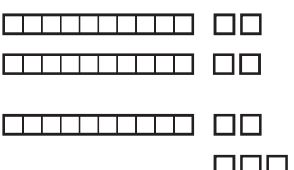
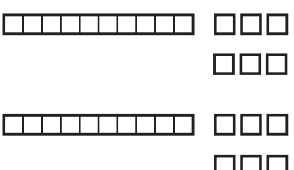
<p>a 5 hundreds + 2 tens + 9 ones</p>	<p>420 ones</p>
<p>b 42 tens</p>	<p>52 tens + 9 ones</p>
<p>c 30 tens + 9 ones</p>	<p>2 hundreds + 14 tens + 9 ones</p>
<p>d 3 hundreds + 49 ones</p>	<p>1 hundred + 20 tens + 9 ones</p>

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Base Ten Addition

Add. Use the pictures of base ten pieces to help.

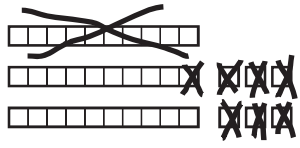
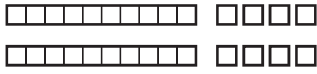
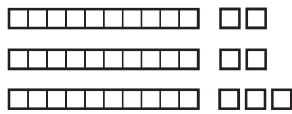
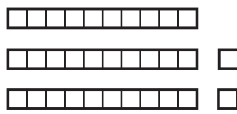
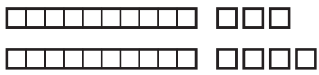
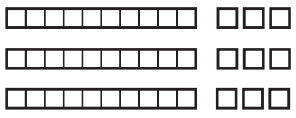
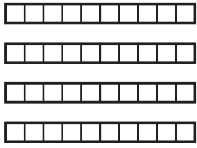
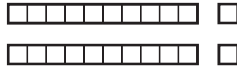

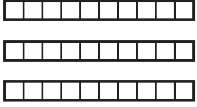
<p>1</p>  $\begin{array}{r} 28 \\ + 10 \\ \hline \end{array}$	<p>2</p>  $\begin{array}{r} 26 \\ + 16 \\ \hline \end{array}$
<p>3</p>  $\begin{array}{r} 34 \\ + 17 \\ \hline \end{array}$	<p>4</p>  $\begin{array}{r} 25 \\ + 26 \\ \hline \end{array}$
<p>5</p>  $\begin{array}{r} 16 \\ + 23 \\ \hline \end{array}$	<p>6</p>  $\begin{array}{r} 39 \\ + 14 \\ \hline \end{array}$
<p>7</p>  $\begin{array}{r} 23 \\ + 18 \\ \hline \end{array}$	<p>8</p>  $\begin{array}{r} 27 \\ + 27 \\ \hline \end{array}$
<p>9</p>  $\begin{array}{r} 24 \\ + 15 \\ \hline \end{array}$	<p>10</p>  $\begin{array}{r} 16 \\ + 16 \\ \hline \end{array}$

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Base Ten Subtraction

Subtract. Use the pictures of base ten pieces to help.

<p>ex</p>  $\begin{array}{r} 36 \\ - 17 \\ \hline 19 \end{array}$	<p>1</p>  $\begin{array}{r} 28 \\ - 12 \\ \hline \end{array}$
<p>2</p>  $\begin{array}{r} 37 \\ - 17 \\ \hline \end{array}$	<p>3</p>  $\begin{array}{r} 32 \\ - 15 \\ \hline \end{array}$
<p>4</p>  $\begin{array}{r} 27 \\ - 19 \\ \hline \end{array}$	<p>5</p>  $\begin{array}{r} 39 \\ - 14 \\ \hline \end{array}$
<p>6</p>  $\begin{array}{r} 40 \\ - 25 \\ \hline \end{array}$	<p>7</p>  $\begin{array}{r} 22 \\ - 8 \\ \hline \end{array}$
<p>8</p>  $\begin{array}{r} 24 \\ - 12 \\ \hline \end{array}$	<p>9</p>  $\begin{array}{r} 30 \\ - 15 \\ \hline \end{array}$

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Place Value Practice

1 Read each number. Then write it in expanded form.

example fifty-six $56 = 50 + 6$	a thirty-two	b seventy-five
c eighteen	d seventy-four	e twenty-eight
f ninety-three	g forty-five	h sixty-seven

2 Add the numbers.

$60 + 8 = \underline{\quad}$

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

$50 + 9 = \underline{\quad}$

$70 + 15 = \underline{\quad}$

$40 + 17 = \underline{\quad}$

$10 + 18 = \underline{\quad}$

$60 + 14 = \underline{\quad}$

$50 + 13 = \underline{\quad}$

$50 + 19 = \underline{\quad}$

$$\begin{array}{r} 30 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 12 \\ \hline \end{array}$$

3 Circle the correct answer.

a The 5 in 581 is in the	ones place	tens place	hundreds place
b The 5 in 358 is in the	ones place	tens place	hundreds place
c The 5 in 205 is in the	ones place	tens place	hundreds place
d The 5 in 502 is in the	ones place	tens place	hundreds place

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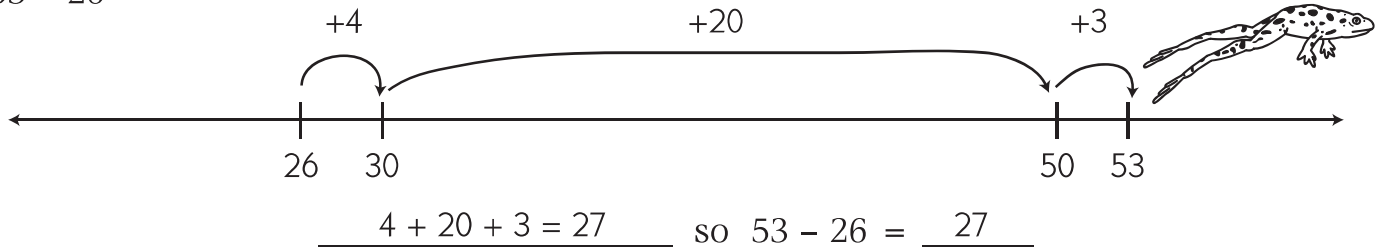
DATE _____

2-Digit Subtraction

DJ Hopper makes hops on the number line to solve 2-digit subtraction problems. Here's how he solved $53 - 26$:

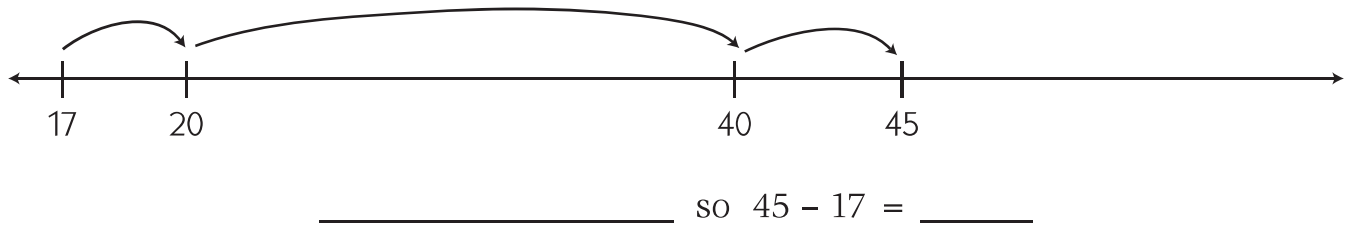
- Start at 26.
- Hop up to 30.
- Now hop up to 50.
- Then hop up to 53 and add up all your hops. That tells how far it is from 26 to 53.

$$53 - 26$$

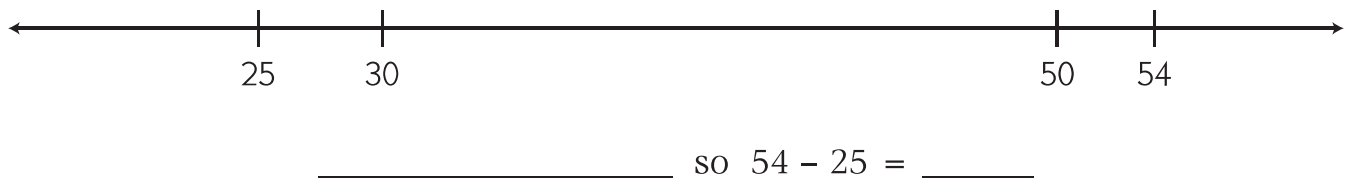


1 Try DJ's number line strategy to solve these subtraction problems.

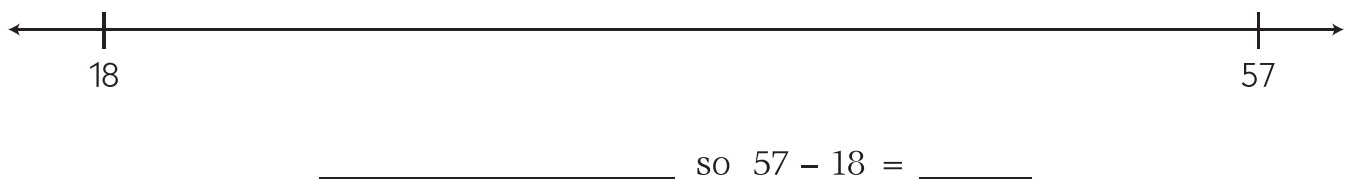
a $45 - 17$



b $54 - 25$



c $57 - 18$

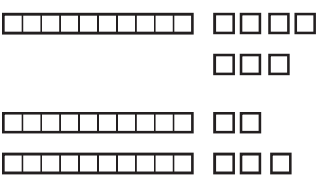
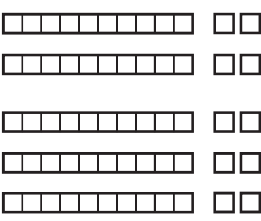


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2-Digit Addition Practice

1 Add. Use the pictures of base ten pieces to help.

a  $\begin{array}{r} 17 \\ + 25 \\ \hline \end{array}$	b  $\begin{array}{r} 24 \\ + 36 \\ \hline \end{array}$
---	--

2 Add the numbers.

$21 + 8 = \underline{\quad}$ $42 + 7 = \underline{\quad}$ $32 + 16 = \underline{\quad}$ $24 + 13 = \underline{\quad}$

3 Use Pencil Puppy's strategy for adding 2-digit numbers. Remember, she adds the tens first. Then she adds the ones. Then she finds the total.



example <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr><th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr><td>3</td><td>7</td></tr> <tr><td>3</td><td>4</td></tr> </tbody> </table> $\begin{array}{r} 60 \\ + \\ \hline 60 + 11 = 71 \end{array}$	Tens	Ones	3	7	3	4	a <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr><th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr><td>3</td><td>5</td></tr> <tr><td>2</td><td>8</td></tr> </tbody> </table> $\underline{\quad} + \underline{\quad} = \underline{\quad}$	Tens	Ones	3	5	2	8	b <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr><th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr><td>6</td><td>3</td></tr> <tr><td>2</td><td>8</td></tr> </tbody> </table> $\underline{\quad} + \underline{\quad} = \underline{\quad}$	Tens	Ones	6	3	2	8	c <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr><th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr><td>4</td><td>4</td></tr> <tr><td>2</td><td>9</td></tr> </tbody> </table> $\underline{\quad} + \underline{\quad} = \underline{\quad}$	Tens	Ones	4	4	2	9
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