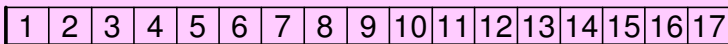
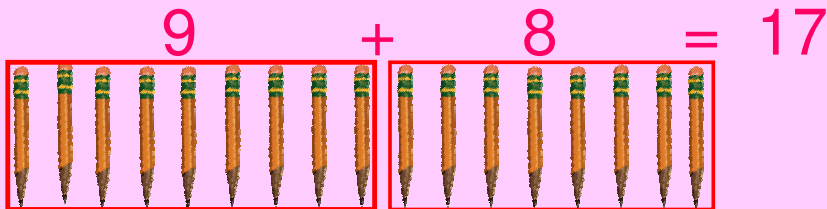
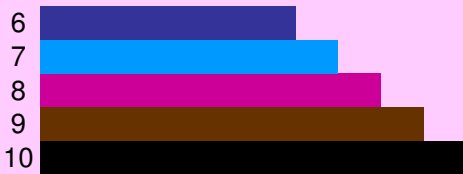
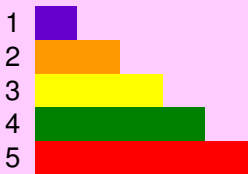


$$3 + 2 = 5$$



Addition can be “seen” by adding lengths on a number line.



RETURN TO
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$1+1=2$	$2+1=3$	$3+1=4$	$4+1=5$
$1+2=3$	$2+2=4$	$3+2=5$	$4+2=6$
$1+3=4$	$2+3=5$	$3+3=6$	$4+3=7$
$1+4=5$	$2+4=6$	$3+4=7$	$4+4=8$

+	1	2	3	4
1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8

FOR PREVIEW

+	1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10	11
2	3	4	5	6	7	8	9	10	11	12
3	4	5	6	7	8	9	10	11	12	13
4	5	6	7	8	9	10	11	12	13	14
5	6	7	8	9	10	11	12	13	14	15
6	7	8	9	10	11	12	13	14	15	16
7	8	9	10	11	12	13	14	15	16	17
8	9	10	11	12	13	14	15	16	17	18
9	10	11	12	13	14	15	16	17	18	19
10	11	12	13	14	15	16	17	18	19	20

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www.k5resources.com

3	4	1	2	5	1	2
<u>+2</u>	<u>+1</u>	<u>+3</u>	<u>+4</u>	<u>+2</u>	<u>+2</u>	<u>+5</u>
5	5	4	6	7	3	7

FOR PREVIEW

4	6	5	3	7	6	1
<u>+2</u>	<u>+3</u>	<u>+1</u>	<u>+4</u>	<u>+2</u>	<u>+1</u>	<u>+6</u>
6	9	6	7	9	7	7

4	7	8	6	3	5	7
<u>+5</u>	<u>+4</u>	<u>+3</u>	<u>+5</u>	<u>+7</u>	<u>+7</u>	<u>+1</u>
9	11	11	11	10	12	8

6	9	8	7	3	7	5
<u>+2</u>	<u>+3</u>	<u>+8</u>	<u>+6</u>	<u>+9</u>	<u>+8</u>	<u>+8</u>
8	12	16	13	12	15	13

RETURN TO

8	9	5	9	7	5	6
<u>+8</u>	<u>+9</u>	<u>+8</u>	<u>+4</u>	<u>+7</u>	<u>+9</u>	<u>+8</u>
16	18	13	13	14	14	14

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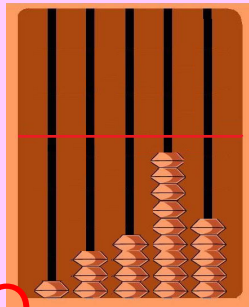
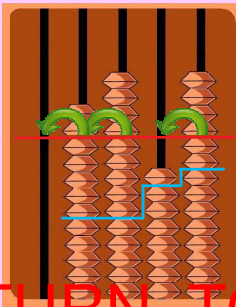
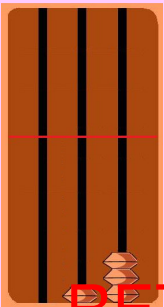
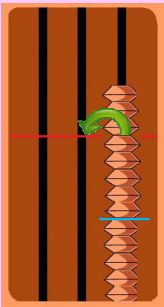


5 ¢ plus 6 ¢ is
11 ¢, but that is
an extra dime
plus a penny



1

$$\begin{array}{r} 35 \text{ ¢} \\ + 46 \text{ ¢} \\ \hline 81 \text{ ¢} \end{array}$$



RETURN TO

5 + 8 is thirteen,
which is more
than 10. So it's a
10 plus 3 ones.

$$6 + 8 \rightarrow 10 + 4$$

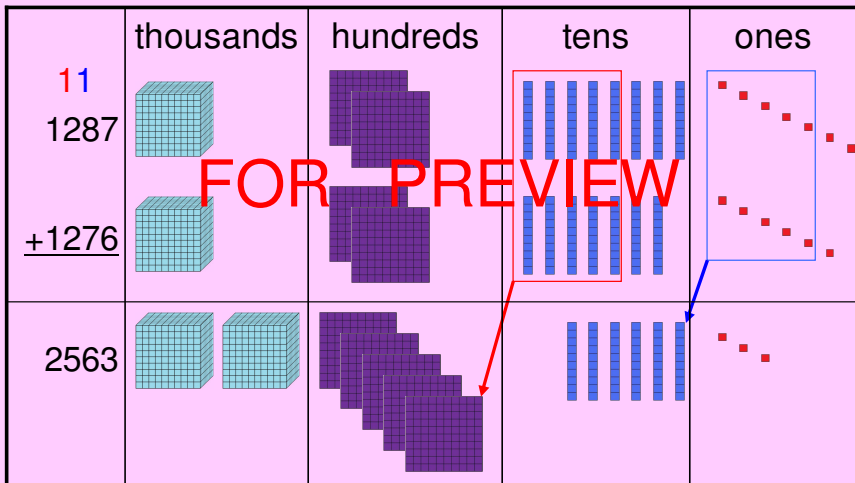
$$10 + 70 + 10 \rightarrow 90$$

$$300 + 500 \rightarrow 1000 + 400$$

$$7000 + 5000 + 1000 \rightarrow 10,000 + 3000$$

$$\begin{array}{r} 11 \ 1 \\ 7,916 \\ + 5,578 \\ \hline 13,494 \end{array}$$

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$$24 + 36 = 24 + (30 + 6) = (24 + 6) + 30 = 30 + 30 = 60$$

$$190 + 21 = 190 + (10 + 11) = (190 + 10) + 11 = 200 + 11 = 211$$

$$524 + 733 = 500 + (24 + 33) + 700 = 1200 + 57 = 1257$$

Use such
regrouping
in this row:

86	598	309	409	288
<u>+28</u>	<u>+ 3</u>	<u>+406</u>	<u>+287</u>	<u>+325</u>
114	601	715	696	613

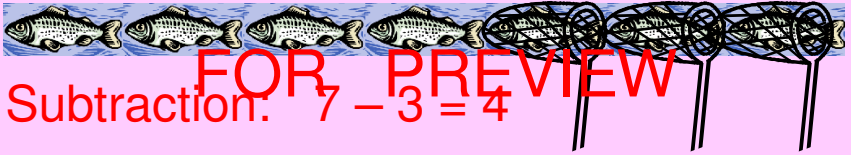
RETURN TO

5	25	105	629	189	23
4	19	36	312	693	509
8	3	3	578	98	388
<u>+9</u>	<u>+42</u>	<u>+452</u>	<u>+262</u>	<u>+284</u>	<u>+279</u>
26	92	596	1381	1564	1199

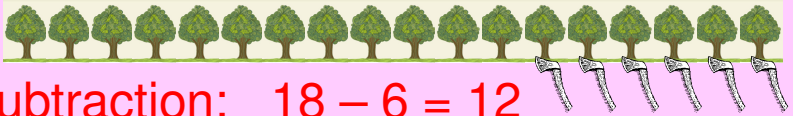
www.k8resources.com



There were 7 fish. 3 were caught. That left 4.



Subtraction: $7 - 3 = 4$



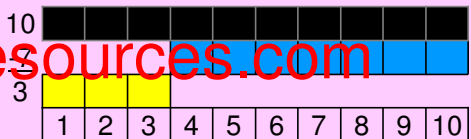
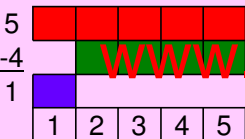
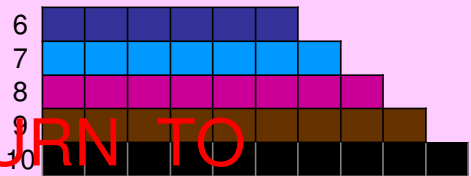
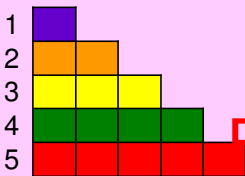
Subtraction: $18 - 6 = 12$

Of 18 trees, 6 were cut down. There were 12 left.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----



Subtraction can be "seen" on a number line.



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4	5	3	6	4	5	2
<u>-2</u>	<u>-3</u>	<u>-1</u>	<u>-1</u>	<u>-3</u>	<u>-2</u>	<u>-1</u>
2	2	2	5	1	3	1

FOR PREVIEW

8	9	5	6	9	8	7
<u>-2</u>	<u>-3</u>	<u>-4</u>	<u>-1</u>	<u>-2</u>	<u>-3</u>	<u>-2</u>
6	6	1	5	7	5	5








12	10	8	6	11	9	8
<u>-2</u>	<u>-4</u>	<u>-7</u>	<u>-3</u>	<u>-8</u>	<u>-3</u>	<u>-5</u>
10	6	1	3	3	6	3

15	13	17	12	8	13	9
<u>-5</u>	<u>-2</u>	<u>-9</u>	<u>-3</u>	<u>-6</u>	<u>-8</u>	<u>-4</u>
10	11	8	9	2	5	5

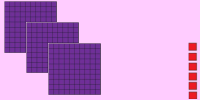
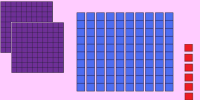
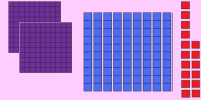
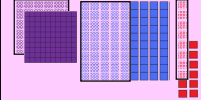
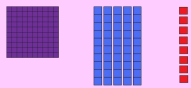
RETURN TO

20	18	16	15	17	18	19
<u>-10</u>	<u>-13</u>	<u>-14</u>	<u>-8</u>	<u>-12</u>	<u>-14</u>	<u>-12</u>
10	5	2	7	5	4	7

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<p>You can't take away 7 pennies.</p> $\begin{array}{r} 45 \\ -27 \\ \hline \end{array}$ 	<p>315 Swap a dime for 10 more pennies.</p> $\begin{array}{r} 315 \\ 45 \\ -27 \\ \hline \end{array}$ 	<p>315 Take away 7 pennies.</p> $\begin{array}{r} 315 \\ 45 \\ -27 \\ \hline 8 \end{array}$ 	<p>315 Take away 2 dimes.</p> $\begin{array}{r} 315 \\ 45 \\ -27 \\ \hline 18 \end{array}$ 
			<p>18¢ left (answer)</p>

FOR PREVIEW

$\begin{array}{r} 306 \\ -158 \\ \hline \end{array}$	$\begin{array}{r} 210 \\ 306 \\ -158 \\ \hline \end{array}$	$\begin{array}{r} 210 \\ 306 \\ -158 \\ \hline \end{array}$	$\begin{array}{r} 210 \\ 306 \\ -158 \\ \hline 148 \end{array}$
			
	<p>Regroup a 100 for 10 tens.</p>	<p>Regroup a 10 for 10 ones.</p>	<p>Remove 158; leaving 148.</p>

RETURN TO

$\begin{array}{r} 87 \\ -25 \\ \hline 62 \end{array}$	$\begin{array}{r} 74 \\ -36 \\ \hline 38 \end{array}$	$\begin{array}{r} 28 \\ -19 \\ \hline 9 \end{array}$	$\begin{array}{r} 156 \\ -238 \\ \hline 118 \end{array}$	$\begin{array}{r} 283 \\ -195 \\ \hline 88 \end{array}$	$\begin{array}{r} 472 \\ -358 \\ \hline 114 \end{array}$	$\begin{array}{r} 503 \\ -389 \\ \hline 114 \end{array}$
$\begin{array}{r} 488 \\ -179 \\ \hline 309 \end{array}$	$\begin{array}{r} 100 \\ -56 \\ \hline 44 \end{array}$	$\begin{array}{r} 507 \\ -322 \\ \hline 185 \end{array}$	$\begin{array}{r} 615 \\ -588 \\ \hline 27 \end{array}$	$\begin{array}{r} 3882 \\ -24 \\ \hline 3858 \end{array}$	$\begin{array}{r} 1406 \\ -707 \\ \hline 699 \end{array}$	$\begin{array}{r} 5203 \\ -4306 \\ \hline 897 \end{array}$

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