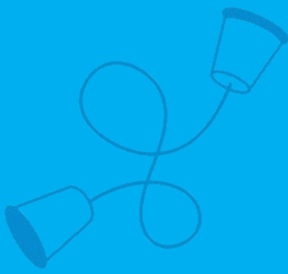




New

Pioneers Graded **Maths 3**

Second Edition



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Rasha Al-Shafee

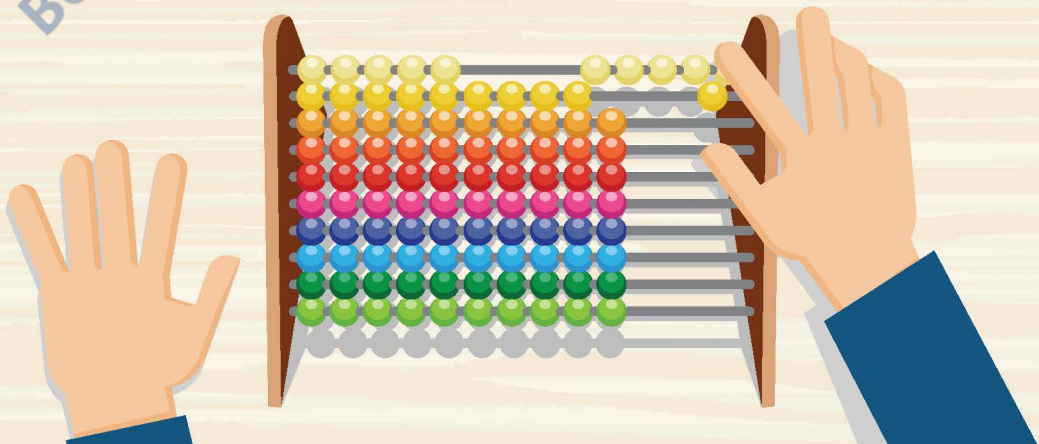
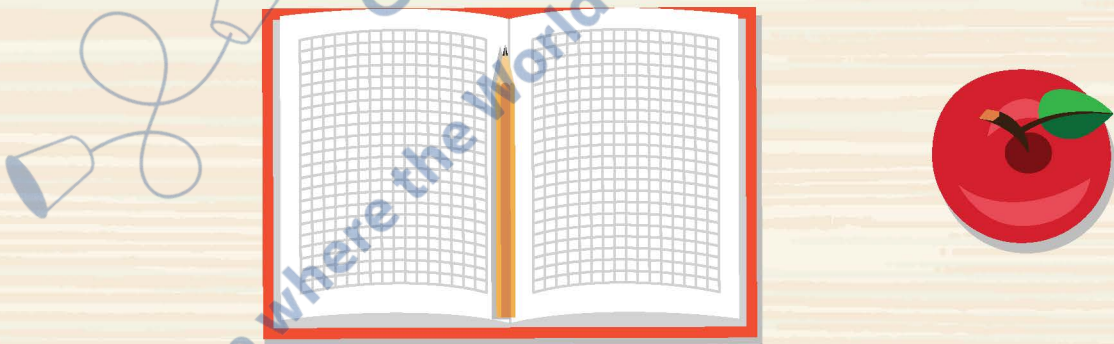
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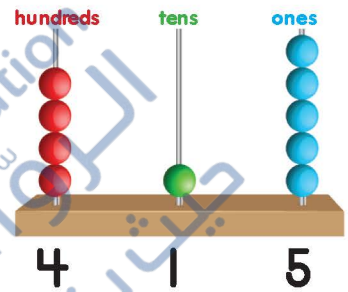
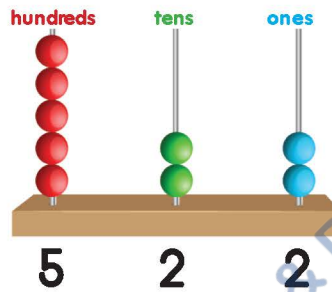
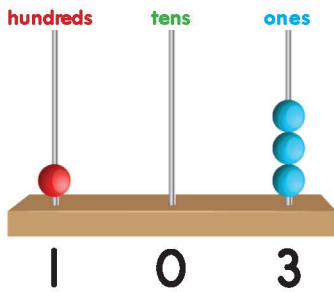




01 Numeration of Three- and Four-Digit Numbers

Lesson 1 Three- and Four-Digit Numbers

Read the numbers.



Read the numbers.

hundreds	tens	ones
8	2	5

hundreds	tens	ones
3	9	0

Read the numbers.

seven hundred and two

nine hundred and eighty

three hundred and sixty-one

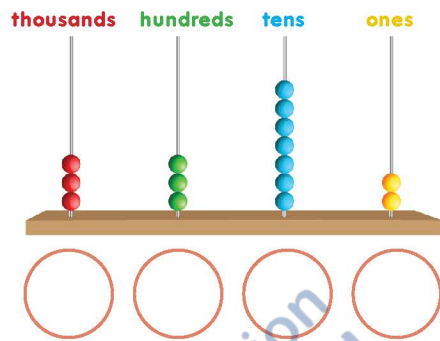
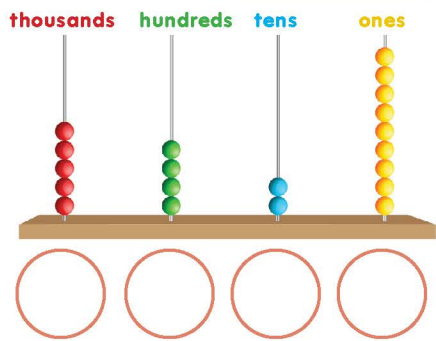
Write the missing numbers.

397	398				
				604	605

Complete.

100	200				
-----	-----	--	--	--	--

Write the numbers.



Write the place value of 3 in each number.

3,007

326

253

Write the place value of 8 in each number.

872

8,541

684



Write the number and its value.

- The ones in 9,541 is 1 that equals
- The thousands in 6,799 are that equal
- The hundreds in 1,355 are that equal

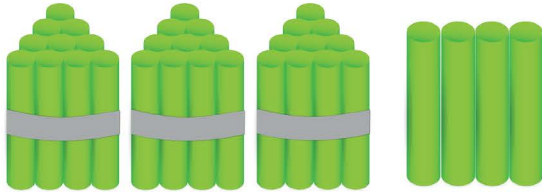
Write the numbers.

0 ones, seven tens, 0 hundreds and three thousands =

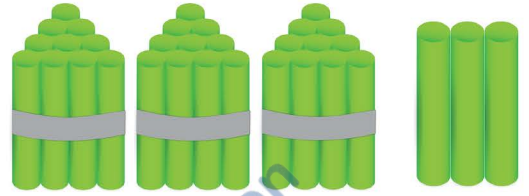
8 ones, two tens, 1 hundred and nine thousands =

Write the break down of place values.

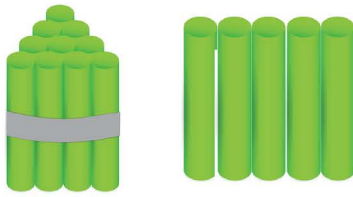
$$1,625 = \square + \square + \square + \square$$

Write $>$, $<$ or $=$.

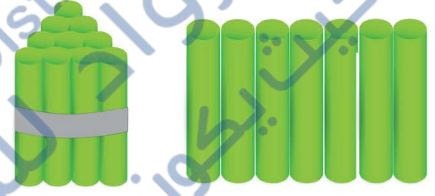
34



33



15



17

Write the least number from each set in the space.

1,651

1,202

1,321

9,870

9,866

8,800

7,272

2,277

2,727



Arrange the following numbers to make the greatest number, then rearrange them to make the least number.

0, 9, 5, 3

The greatest number is

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------

The least number is

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------

Arrange the following numbers in ascending order.

498

394

566

583

Arrange the following numbers in descending order.

7,721

940

621

775

Read the numbers on the vehicles, then arrange them in descending order.



Arrange the heights of the mountains in ascending order.

2,740

1,039

1,521

Read the rivers' lengths, then arrange them in ascending order.

River	Length
Furat	2,780 km
Nile	6,700 km
Dijla	1,950 km
Danoub	2,850 km

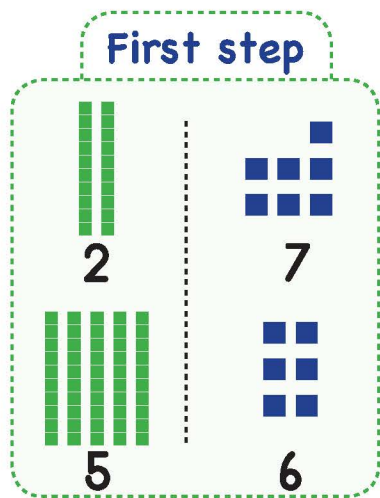


02 Addition

Lesson 1

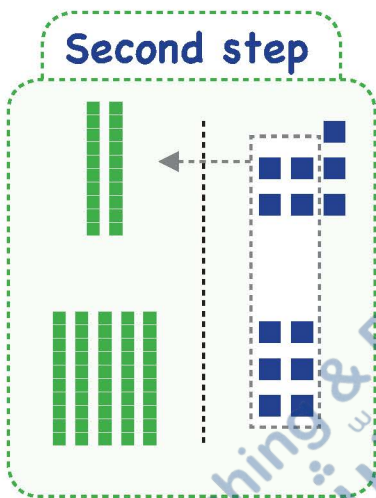
Adding Two-Digit Numbers With Regrouping

First step



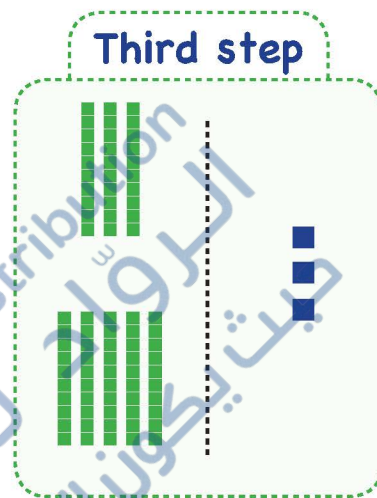
$$\begin{array}{r} \square \\ 27 \\ + 56 \\ \hline \end{array}$$

Second step



$$\begin{array}{r} 1 \\ 27 \\ + 56 \\ \hline 3 \end{array}$$

Third step



$$\begin{array}{r} 1 \\ 27 \\ + 56 \\ \hline 83 \end{array}$$

Find the sum.

$$\begin{array}{r} \square \\ 44 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 43 \\ + 51 \\ \hline 8 \end{array}$$

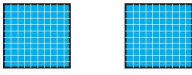


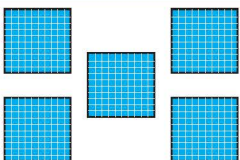


$$\begin{array}{r} \square \\ 32 \\ + 58 \\ \hline \end{array}$$

Write the correct number in the box.




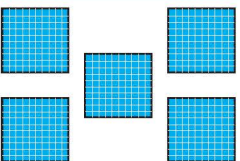


$$\begin{array}{r} \square \\ 3 \square \\ + 39 \\ \hline \square 4 \end{array}$$

$$\begin{array}{r} \square \\ 57 \\ + 2 \square \\ \hline 4 \end{array}$$



hundreds	tens	ones	
			2 3 6
			+ 5 1 3
			7 4 9

Find the sum.

hundreds	tens	ones	
			1 2 4
			+ 5 3 1

$$256 + 421 =$$

	hundreds	tens	ones
	4	2	1
+	2	5	6

$$638 + 121 =$$

$$\begin{array}{r} 237 \\ + 732 \\ \hline \end{array}$$



$$\begin{array}{r}
 1 \quad 1 \\
 4 \quad 5 \quad 8 \\
 + 5 \quad 7 \quad 6 \\
 \hline
 10 \quad 3 \quad 4 = 1,034
 \end{array}$$

Find the sum.

$$\begin{array}{r}
 \square \square \\
 329 \\
 + 183 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \\
 353 \\
 + 575 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \\
 608 + 415 =
 \end{array}$$

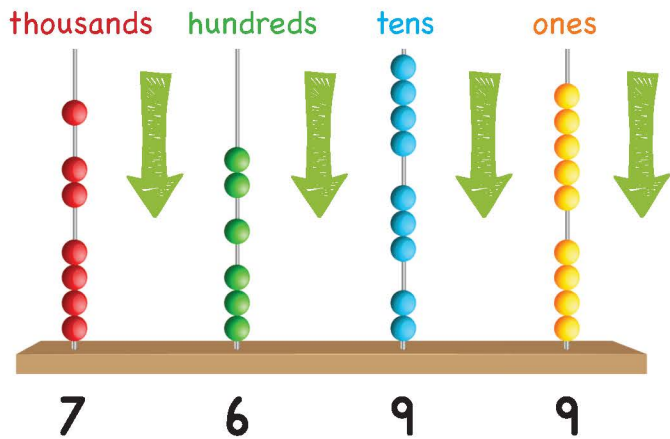
$$\begin{array}{r}
 \square \square \\
 279 + 285 =
 \end{array}$$

Fill in the missing numbers.

$$\begin{array}{r}
 \square \quad \square \\
 4 \quad 5 \quad 5 \\
 + \square \quad 7 \quad \square \\
 \hline
 8 \quad \square \quad 3
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \\
 3 \quad 6 \quad \square \\
 + 2 \quad \square \quad 5 \\
 \hline
 \square \quad 4 \quad 4
 \end{array}$$





thousands	hundreds	tens	ones
1	2	4	5
2	1	3	0
4	3	2	4
7	6	9	9

Find the sum.

7	2	0	0
1	4	8	1
1	3	0	6
<hr/>			

2	1	5	6
4	4	0	0
1	0	3	0
2	2	1	3
<hr/>			

Fill in the missing numbers.

□	2	5	1
2	3	□	4
+	1	□	0
<hr/>			
6	9	5	□

1	3	0	□
2	3	□	1
+	□	2	4
<hr/>			
6	□	8	7

The total number of visitors who visited the zoo last year was **1,367**. This year it was **1,435**. Find the sum of visitors in both years.

$$\begin{array}{r}
 \\
 \\
 + \\
 \hline
 2,
 \end{array}$$

$1,367 + 1,435 = 2,802$

Find the sum.

$$\begin{array}{r}
 \square \square \\
 6, \\
 + \\
 \hline

 \end{array}$$

$$\begin{array}{r}
 \square \\
 3, \\
 + \\
 \hline

 \end{array}$$

$$2,509 + 3,709 =$$

$$1,628 + 4,563 =$$



In a hospital, the number of newborn babies in July was 130, in August it was 157 and in September 99.

How many babies were born in all?

$$\begin{array}{r}
 130 \\
 + 157 \\
 + 99 \\
 \hline
 386
 \end{array}$$

Find the sum.

$$\begin{array}{r}
 \square \\
 3 \\
 2 \\
 + 4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \square \\
 4 \\
 3 \\
 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 1 \\
 4 \\
 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \square \\
 2 \\
 3 \\
 + 2 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \square \\
 0 \\
 4 \\
 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \square \\
 5 \\
 4 \\
 2 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3 \\
 6 \\
 4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \square \square \\
 777 \\
 666 \\
 + 2,333 \\
 \hline
 \end{array}$$

Fill in the missing numbers.

$$\begin{array}{r}
 \square \square \square \\
 5 \square 1 0 \\
 3 \square 2 \\
 + 7 5 \square \\
 \hline
 6, 1 3 0
 \end{array}$$

$$\begin{array}{r}
 \square \square \\
 4 1 3 0 \\
 2 \square 6 5 \\
 + 3 6 \square \square \\
 \hline
 \square, 9 2 3
 \end{array}$$

Find the sum.

$$\begin{array}{r} 642 \\ + 300 \\ \hline \end{array}$$

$$\begin{array}{r} 205 \\ + 300 \\ \hline \end{array}$$

$$\begin{array}{r} \square\square \\ 536 \\ + 384 \\ \hline \end{array}$$

$$\begin{array}{r} \square\square \\ 721 \\ 228 \\ + 363 \\ \hline \end{array}$$

$$\begin{array}{r} \square\square \\ 671 \\ 224 \\ + 107 \\ \hline \end{array}$$

$$\begin{array}{r} \square\square \\ 462 \\ + 259 \\ \hline \end{array}$$



Fill in the missing numbers.

$$\begin{array}{r} \square \quad \square \\ 1 \quad 2 \quad 3 \\ + 2 \quad \square \quad 9 \\ \hline 4 \quad 1 \quad 2 \end{array}$$

$$\begin{array}{r} \square \\ 3 \quad \square \quad 3 \\ + 6 \quad 0 \quad \square \\ \hline \square \quad 5 \quad 1 \end{array}$$

$$\begin{array}{r} 6 \quad 4 \quad 3 \\ + \square \quad 4 \quad \square \\ \hline 7 \quad 8 \quad 4 \end{array}$$

$$\begin{array}{r} \square \quad 3 \quad 2 \\ + 3 \quad 4 \quad \square \\ \hline 7 \quad \square \quad 4 \end{array}$$

$$\begin{array}{r} 4 \quad 0 \quad 5 \\ \square \quad 1 \quad 3 \\ + 2 \quad 2 \quad \square \\ \hline 9 \quad \square \quad 9 \end{array}$$

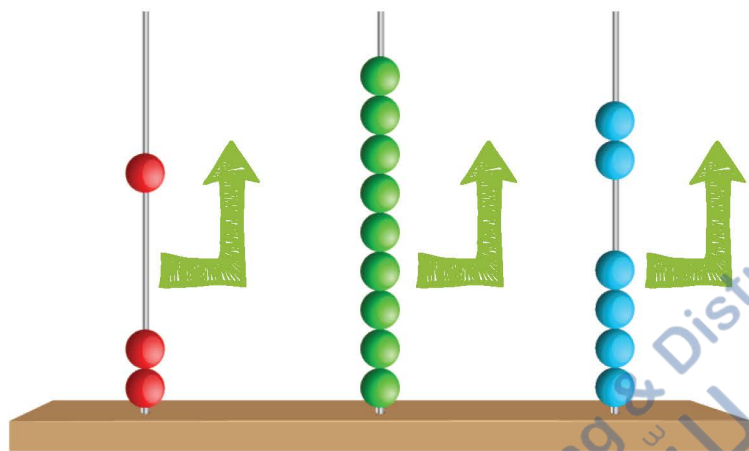
$$\begin{array}{r} \square \quad \square \\ 9 \quad 8 \quad 7 \\ + \square \quad 2 \quad \square \\ \hline 1 \quad \square \quad 2 \end{array}$$



03 Subtraction

Lesson 1

Subtracting Without Regrouping



$$\begin{array}{r} 396 \\ - 102 \\ \hline 294 \end{array}$$

Find the difference.

$$\begin{array}{r} 5,644 \\ - 2,523 \\ \hline \end{array}$$

$$\begin{array}{r} 7,978 \\ - 5,322 \\ \hline \end{array}$$

$$\begin{array}{r} 8,005 \\ - 4,004 \\ \hline \end{array}$$

$$\begin{array}{r} 3,333 \\ - 1,111 \\ \hline \end{array}$$

$$\begin{array}{r} 4,862 \\ - 3,751 \\ \hline \end{array}$$

Fill in the missing numbers.

$$\begin{array}{r} 4, \square 2 \square \\ - \square, 3 0 5 \\ \hline 0, 1 \square 3 \end{array}$$

$$\begin{array}{r} 8, 8 7 5 \\ - 4, \square \square 3 \\ \hline \square, 1 0 \square \end{array}$$

$$\begin{array}{r} 94 \\ - 59 \\ \hline \end{array}$$

$$\begin{array}{r} \overset{8}{\cancel{9}} 14 \\ - 59 \\ \hline 35 \end{array}$$

Check your answer

$$\begin{array}{r} 35 \\ + 59 \\ \hline 94 \end{array}$$

$$94 - 59 = 35 \quad 814 - 59 = 755$$

Find the difference, then check your answers.



$$\begin{array}{r} 66 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 26 \\ \hline \end{array}$$

$$73 - 55 = \square$$

$$42 - 16 = \square$$