

- Which of the following shows the values of the digits in 421?
  - 400, 10, 1
  - 400, 10, 2
  - 400, 20, 1
  - 400, 20, 2
- Which are the sums of the hundreds, tens, and ones for  $556 + 323$ ?
  - $800 + 90 + 7$
  - $800 + 70 + 9$
  - $700 + 90 + 8$
  - $700 + 80 + 9$
- Find  $628 + 340$ .
  - 989
  - 986
  - 968
  - 898
- Writing to Explain** Add  $431 + 504$  by breaking the 3-digit problem into smaller addition problems. Show your work and explain how you found your answer.  

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# Toss and Talk



## Get Started



Get 10 squares in one color and 10 in another color.  
Get two number cubes. Take turns with another player or team.  
Talk about math as you play!

## At Your Turn

Toss two number cubes. Add the dots. Find your toss below.  
Follow the directions. Explain your thinking. Cover the answer.  
If the answer is taken, lose your turn. Have fun!

Toss	Read what is given. Find the number in standard form. Explain.
2	$400 + 40$
3	Forty
4	$400 + 40 + 4$
5	Four hundred sixty
6	Four hundred sixty-five

7	Four hundred five
8	Four hundred six
9	Four hundred fifty-six
10	$400 + 4$
11	Four hundred
12	$400 + 10$

406	400	465	460
404	456	460	440
405	410	40	406
444	465	405	456

## How to Win

You win if you are the first to get four connected rectangles, like:



If you have more time



Play again!

# Toss and Talk



## Get Started



or



Get 10 squares in one color and 10 in another color.

Get two number cubes. Take turns with another player or team.

Talk about math as you play!

## At Your Turn

Toss two number cubes. Add the dots. Find your toss below.

Follow the directions. Explain your thinking. Cover the answer.

If the answer is taken, lose your turn. Have fun!

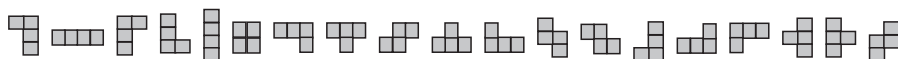
Toss	Read the clue. Find the three-digit number. Explain.
2	The number has 36 tens and 5 ones.
3	The number is fourteen more than seven hundred two.
4	The sum of the digits is 14. There is a 6 in the ones place. The other two digits are the same.
5	The sum of the digits is 14. The digit in the tens place is 5. The digit in the ones place is double the digit in the hundreds place.
6	The sum of the digits is 14. There is a zero in the ones place. The other two digits are the same.

7	The sum of the digits is 14. The digit in the hundreds place is 3 more than the digit in the ones place.
8	The sum of the digits is 14. There is a zero in the tens place. The other two digits are the same.
9	The number is two hundred more than five hundred fifty.
10	The number is fifty-four more than five hundred.
11	The number is forty-five more than five hundred.
12	The number has 63 tens and 5 ones.

653	554	365	653
356	750	770	707
707	545	356	716
770	635	446	750

## How to Win

You win if you are the first to get four connected rectangles, like:



If you have more time

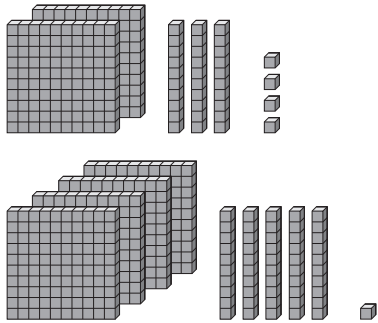


Play again!

# Adding with an Expanded Algorithm

Find  $234 + 451$ .

You can use place-value blocks to show each number.



### Step 1

Break the problem into smaller problems.

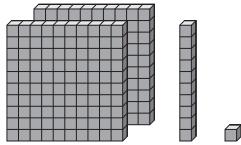
	H	T	O
234 =	200	30	4
451 =	400	50	1
Sums →	600	80	5

### Step 2

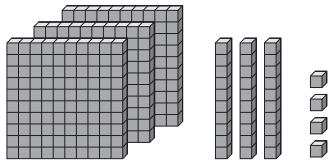
Add the sums.

<b>Hundreds</b>	→	600
<b>Tens</b>	→	80
<b>Ones</b>	→	+ 5
$234 + 451 =$		<u>685</u>

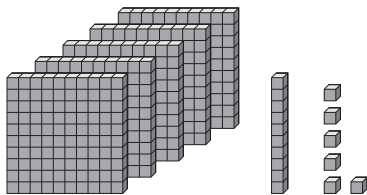
1.  $211 + 334$ .



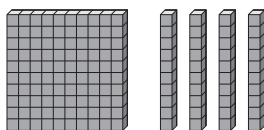
Hundreds	Tens	Ones	Total
200	10	1	_____
+ 300	+ 30	+ 4	_____
			+ _____



2.  $516 + 140$ .



Hundreds	Tens	Ones	Total
500	10	6	_____
+ 100	+ 40	+ 0	_____
			+ _____



3.  $439 + 520$ .

4.  $731 + 176$

5.  $156 + 432$ .

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Adding with an Expanded Algorithm

In 1–4 find each sum.

1.  $134 + 221$ .

Hundreds	Tens	Ones
100	30	4
<u>+ 200</u>	<u>+ 20</u>	<u>+ 1</u>
_____	_____	_____

**Total**

\_\_\_\_\_

\_\_\_\_\_

+ \_\_\_\_\_

2.  $226 + 423$ .

Hundreds	Tens	Ones
200	20	6
<u>+ 400</u>	<u>+ 20</u>	<u>+ 3</u>
_____	_____	_____

**Total**

\_\_\_\_\_

\_\_\_\_\_

+ \_\_\_\_\_

3.  $344 + 421$ .

\_\_\_\_\_

4.  $575 + 342$ .

\_\_\_\_\_

5. **Persevere** Mac wants to find  $291 + 407$ . He adds the hundreds, tens, and ones. Then, he adds those sums together. What sums did Mac add to find the answer?
- \_\_\_\_\_

6. At Green School, 325 students walk, bike, or get a ride to school. There are 413 students who take the bus to school. How many students go to Green School?
- \_\_\_\_\_

7. **Generalize** Lauren is trying to find how far her family traveled on a road trip. On the first day, they drove 436 miles. On the second day, they drove 342 miles. How many miles did Lauren's family drive in all? Explain how you found the answer.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

8. Which of the following shows the sums of the hundreds, tens, and ones for  $627 + 361$ ?




**A**  $800 + 80 + 9$    **B**  $800 + 90 + 8$    **C**  $900 + 80 + 8$    **D**  $900 + 90 + 8$

Name \_\_\_\_\_









# Show Time!

Use the data given to write the number of tickets that were sold each day in standard form, expanded form, and word form.

**Ticket Code**

 = 100 tickets     = 10 tickets     = 1 ticket

## Ticket Sales

Opening Night—        

Day 2—          

Day 3—     

Day 4—           

Day 5—          

1. Opening Night ticket sales \_\_\_\_\_

\_\_\_\_\_

2. Day 2 ticket sales \_\_\_\_\_

\_\_\_\_\_

3. Day 3 ticket sales \_\_\_\_\_

\_\_\_\_\_

4. Day 4 ticket sales \_\_\_\_\_

\_\_\_\_\_

5. Day 5 ticket sales \_\_\_\_\_

\_\_\_\_\_