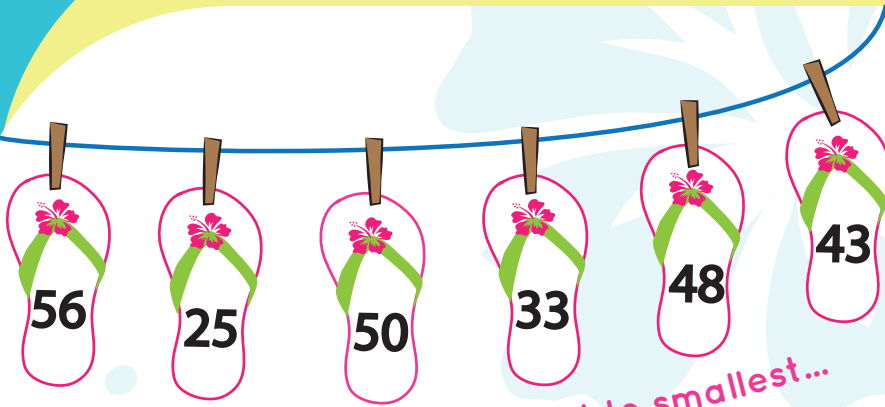


Base Ten Bonanza

2nd GRADE



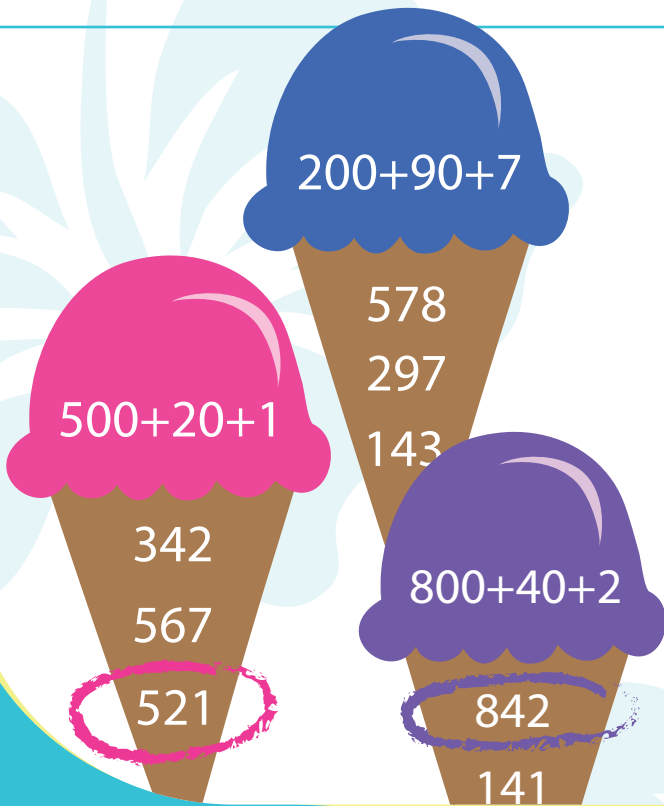
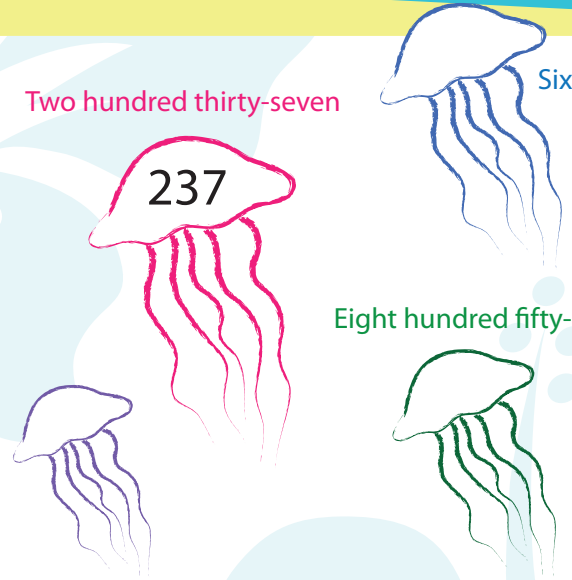
Arrange the Numbers largest to smallest...

Two hundred thirty-seven

237

Sixty-five

Eight hundred fifty-six



Hundreds

Tens

Ones

578

124

942

776

295

454

500

100

70

20

8

4



Table of Contents

Base Ten Bonanza


Base 10 Blocks
What Is the Place Value?
Place Value Math
Match the Numbers
Beach Number Match
Find the Number
Place Value Blanks
Circle the Answer
Expand the Numerals
Fishy Numbers
Place Value Activity
Wiggly Jellies
Largest to Smallest Numbers
Ordering Numbers: Tallest to Smallest
Ordering Numbers: Heaviest to Lightest
Comparing Numbers
Complete the Number Pattern
Mixed Bag Math
Number Riddles
Find the Missing Digit Game


Certificate of Completion

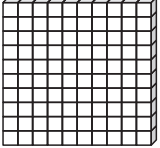
Want more workbooks? Join [Education.com Plus](http://www.education.com/education-plus/) to save time and money.
<http://www.education.com/education-plus/>

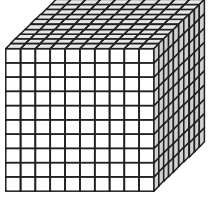
BASE 10 BLOCKS

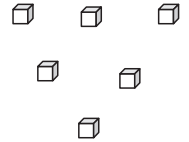
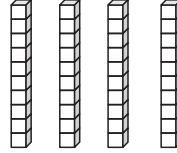
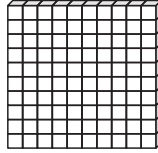
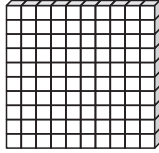
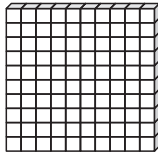
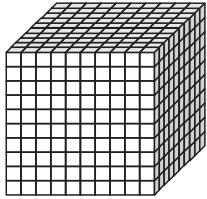
Find the value of each group of base 10 blocks.

 = 1
 1 cube

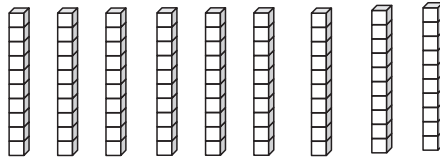
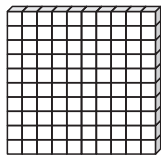
 = 10
 10 cubes or
 1 long

 = 100
 100 cubes or
 1 flat

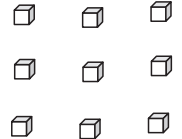
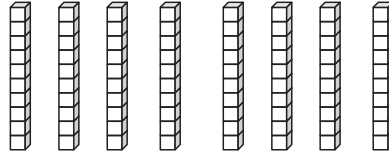
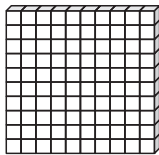
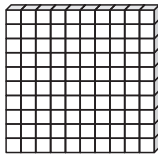
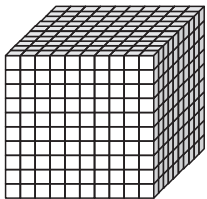
 = 1000
 1000 cubes



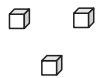
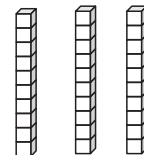
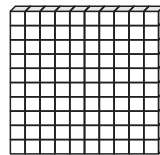
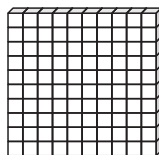
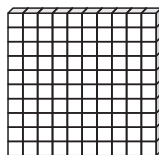
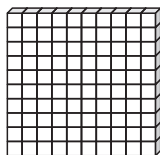
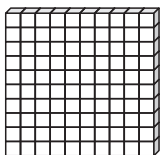
1 thousand, 3 hundreds, 4 tens and 6 ones = 1,346



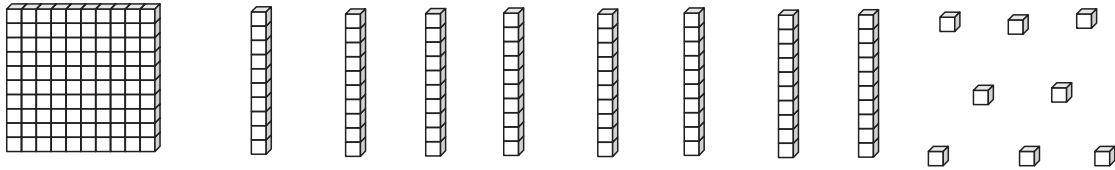
_____ hundred, _____ tens and _____ ones = _____



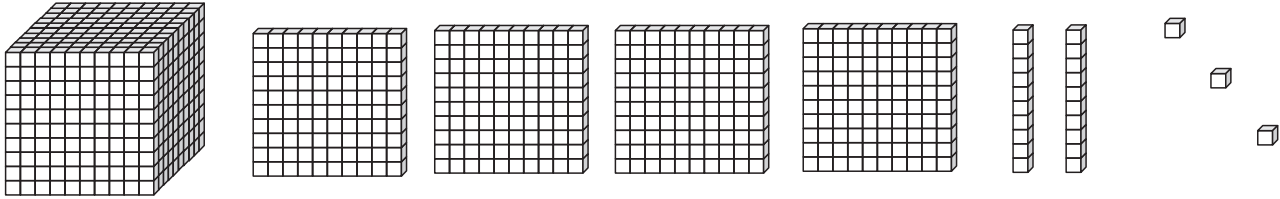
_____ thousand, _____ hundreds, _____ tens and _____ ones = _____



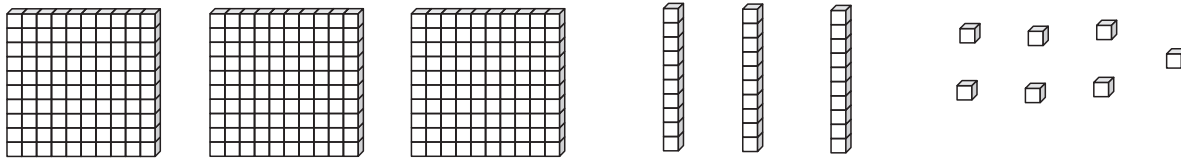
_____ hundreds, _____ tens and _____ ones = _____



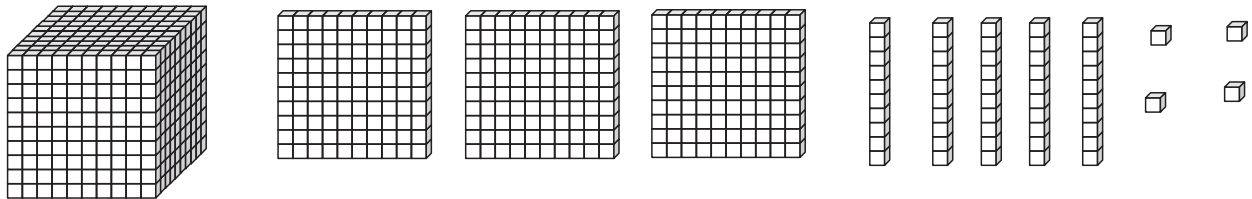
_____ hundred, _____ tens and _____ ones = _____



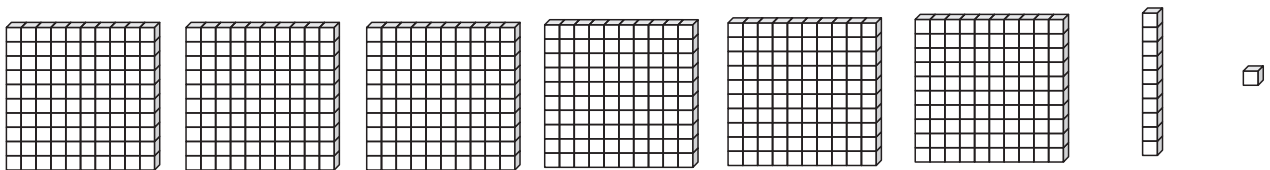
_____ thousand, _____ hundreds, _____ tens and _____ ones = _____



_____ hundred, _____ tens and _____ ones = _____



_____ thousand, _____ hundreds, _____ tens and _____ ones = _____



_____ hundred, _____ tens and _____ ones = _____

WHAT IS THE PLACE VALUE

Look at the value of each digit in the number **1,675**?

Thousands	Hundreds	Tens	Ones
1	6	7	5
1000	600	70	5

What is the value of each underlined digit?

462 **400** _____

1357 _____

149 _____

1894 _____

783 _____

623 _____

204 _____

1042 _____

541 _____

922 _____

What is the digit in the hundreds place?

735 _____

912 _____

515 _____

What is the digit in the ones place?

185 _____

857 _____

222 _____

What is the digit in the tens place?

610 _____

772 _____

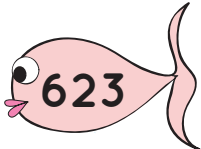
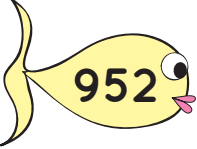
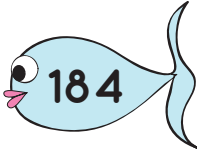
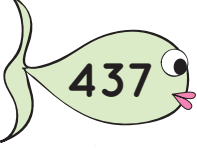
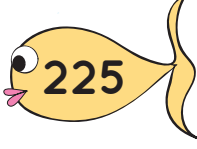
358 _____

Place Value Math

Write the place value for each numeral as shown below.

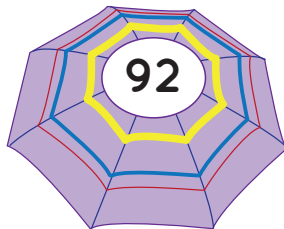
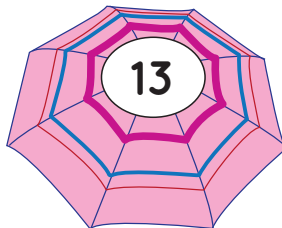
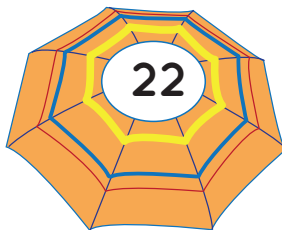
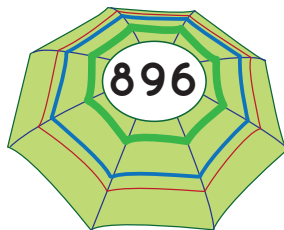
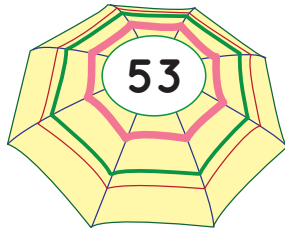
	Hundreds	Tens	Ones
578	500	70	8
124			
942			
776			
295			
454			

Draw a line to match the number on the fish to the words.

	2 hundreds, 2 tens and 5 ones
	6 hundreds, 2 tens and 3 ones
	4 hundreds, 3 tens and 7 ones
	9 hundreds, 5 tens and 2 ones
	1 hundred, 8 tens and 4 ones

Match the Numbers

Draw a line to match the number on the umbrellas to the words.



5 tens and 3 ones

2 tens and 2 ones

6 hundreds, 2 tens and 9 ones

8 hundreds, 9 tens and 6 ones

9 tens and 2 ones

3 hundreds, 4 tens and 7 ones

1 ten and 3 ones

Beach Number Match

Match these beach numbers to the correct words.



4 hundreds, 2 tens and 6 ones



5 tens and 4 ones

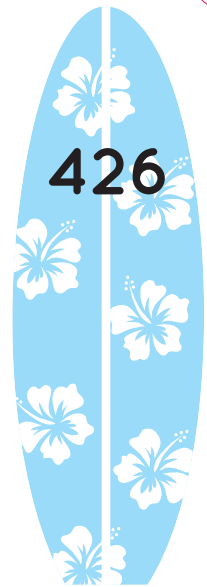


5 hundreds, 6 tens and 5 ones

3 tens and 9 ones



9 hundreds, 7 tens and 2 ones



7 tens and 2 ones



2 hundreds, 4 tens and 8 ones



Now write out the number  using words:

Read the place values and write the numbers in the box.

	Hundreds	Tens	Ones
Three hundreds, six tens and two ones =	3	6	2
Seven hundreds, five tens and six ones =			
Nine tens and two ones =			
Four hundreds, two tens and two ones =			
Five tens and eight ones =			
Two hundreds, six tens and five ones =			
Six tens and six ones =			
Eight tens and three ones =			
Five hundreds, seven tens and two ones =			
Eight hundreds, four tens and nine ones =			
Seven hundreds, two tens and two ones =			



PLACE VALUE BLANKS

Look at the example and fill in the other blanks.

565 = **five** hundreds **six** tens **five** ones

329 = _____ hundreds _____ tens _____ ones

29 = _____ hundreds _____ tens _____ ones

862 = _____ hundreds _____ tens _____ ones

137 = _____ hundreds _____ tens _____ ones

54 = _____ hundreds _____ tens _____ ones

66 = _____ hundreds _____ tens _____ ones

Circle the Answer

Find the correct answer and circle it. The first one is done for you.

900+90+9
999
884
117

200+30+7
561
237
422

300+70+8
421
378
689

700+50+2
752
131
990

500+20+1
342
567
521

335
800+20+2
300+30+5
600+50+1

692
500+50+1
400+20+8
600+90+2

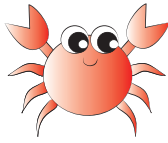
6 hundreds,
4 tens, 6 ones
554
646
423

7 hundreds,
2 tens, 9 ones
729
352
980

4 hundreds,
9 tens, 9 ones
851
626
499

Expand The Numerals

Write the expanded form of each numeral as per the example.



$$565 = \underline{500} + \underline{60} + \underline{5}$$

1. $520 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

6. $718 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

2. $354 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

7. $321 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

3. $927 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

8. $524 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

4. $555 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

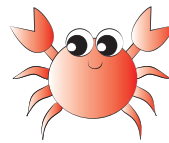
9. $877 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

5. $789 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

10. $142 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

Write the numeral as per the example.

$$400 + 20 + 7 = \underline{427}$$



1. $600 + 10 + 5 = \underline{\quad}$

6. $100 + 10 + 2 = \underline{\quad}$

2. $200 + 50 + 8 = \underline{\quad}$

7. $300 + 50 + 6 = \underline{\quad}$

3. $900 + 20 + 6 = \underline{\quad}$

8. $400 + 90 + 4 = \underline{\quad}$

4. $700 + 70 + 7 = \underline{\quad}$

9. $500 + 10 + 5 = \underline{\quad}$

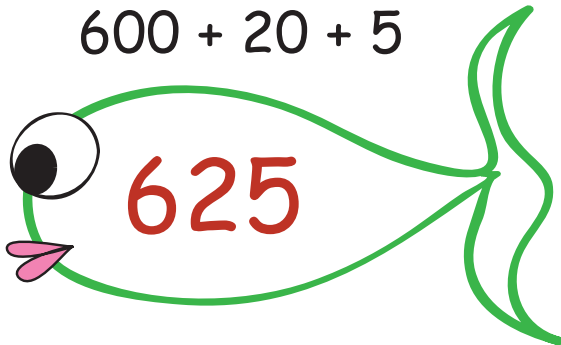
5. $800 + 90 + 1 = \underline{\quad}$

10. $200 + 60 + 6 = \underline{\quad}$

Fishy Numbers

Write these place values as 3 digit numbers inside the fish.

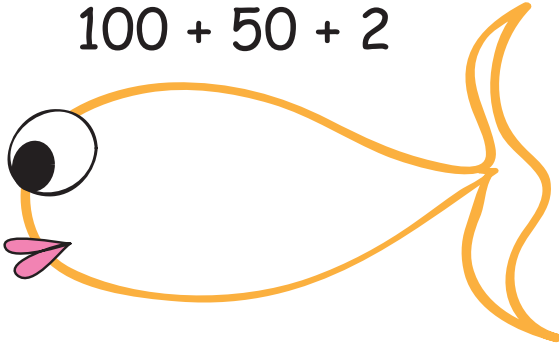
$$600 + 20 + 5$$



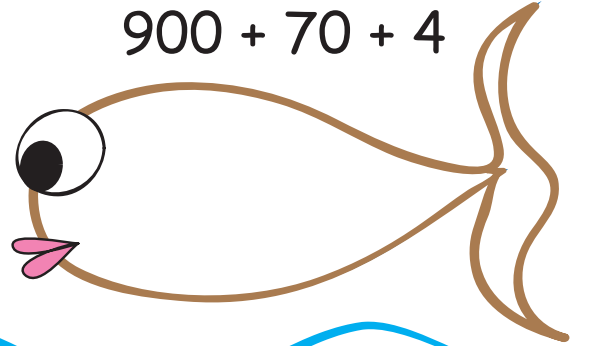
$$300 + 10 + 8$$



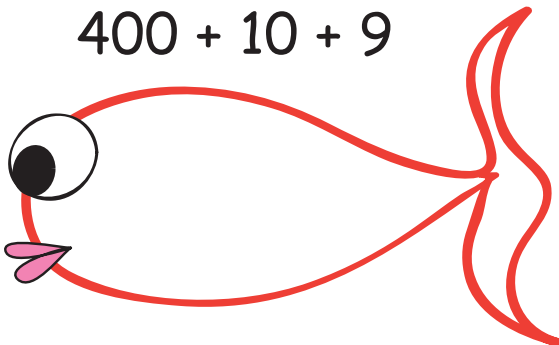
$$100 + 50 + 2$$



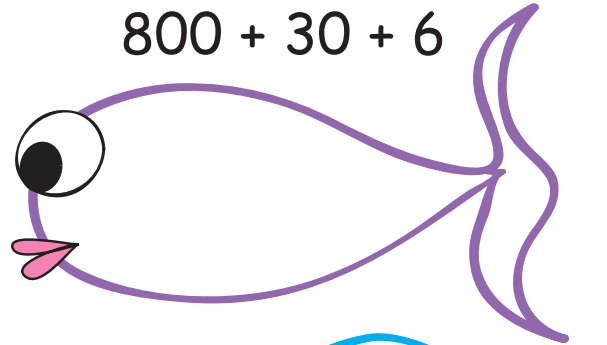
$$900 + 70 + 4$$



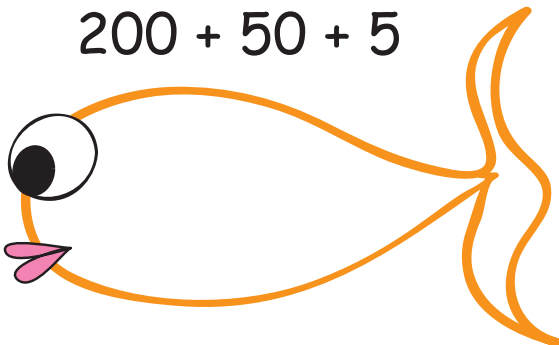
$$400 + 10 + 9$$



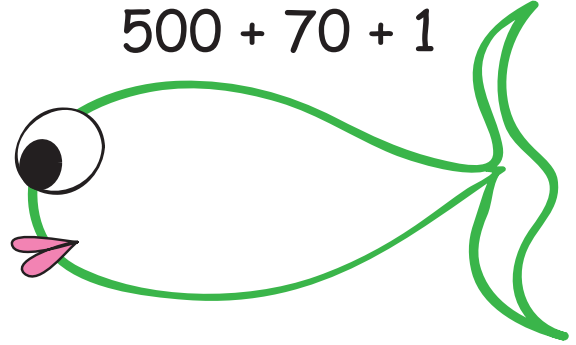
$$800 + 30 + 6$$



$$200 + 50 + 5$$



$$500 + 70 + 1$$



Cut and Paste - Place Value Activity

Place Value Activity - In this activity your child will learn to read the place value and find the number. Next they will learn to match the number to its expanded form on the next page.

Cut out all the numbers with the help of a parent. Next read the place values and paste the numbers in the correct squares. Once you are done, cut the rectangles with the pasted numbers. Match the number to its expanded form and paste them in the correct houses on the street map on the next page.

Six hundreds, one ten
and three ones

--	--	--

Four hundreds, two tens
and five ones

--	--	--

Eight tens and
nine ones

--	--

Two hundreds, seven tens
and six ones

--	--	--

Seven hundreds, two tens
and two ones

--	--	--

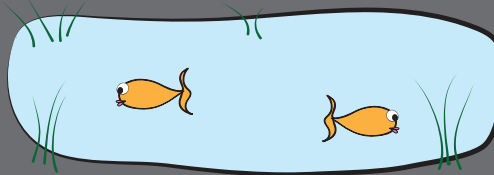
Nine tens and
four ones

--	--



1	2	3	4	5	6	7	8	9	1	2	3
1	2	3	4	5	6	7	8	9	1	2	3

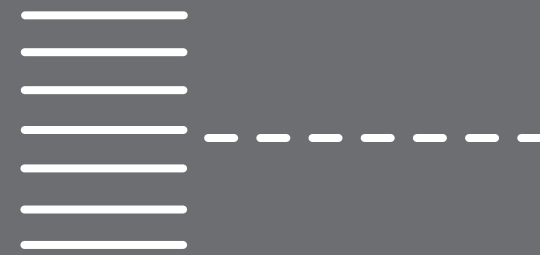
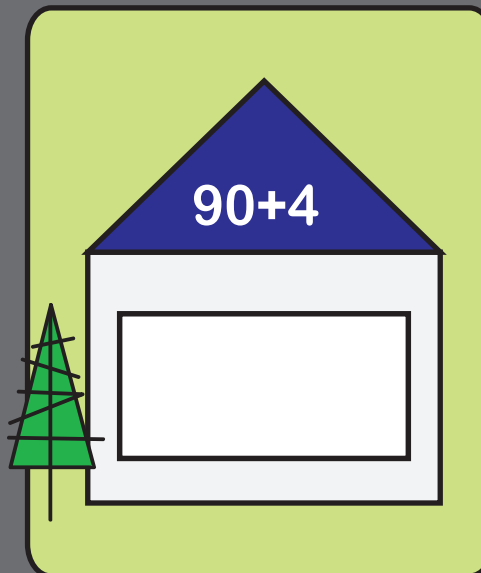
$700+20+2$



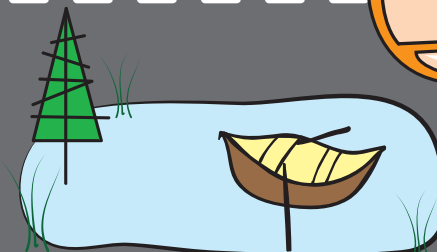
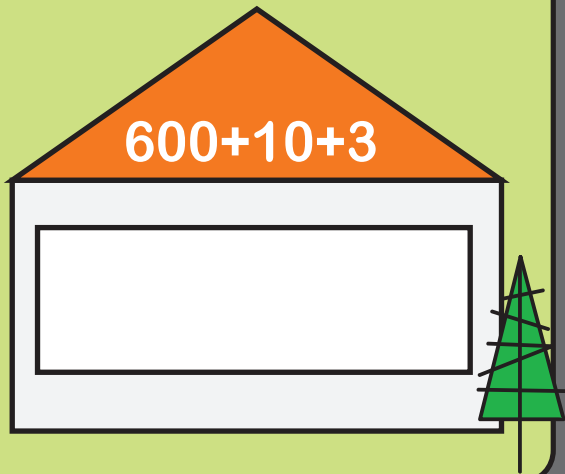
$200+70+6$



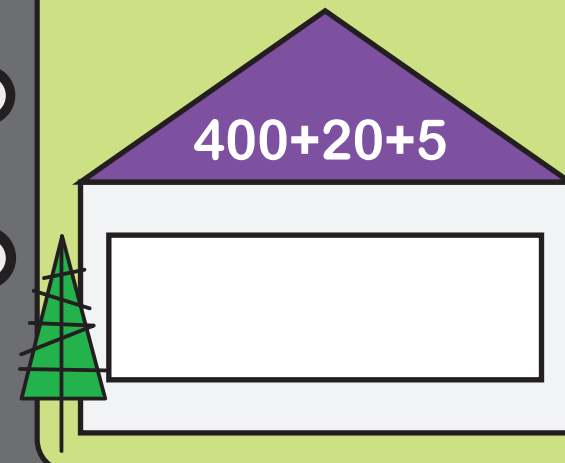
$90+4$



$600+10+3$



$400+20+5$



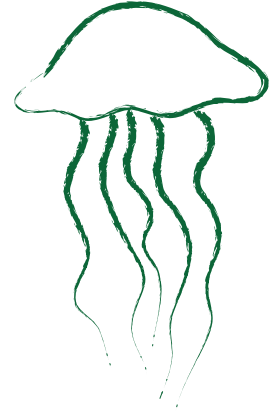
Wiggly Jellies

Read the number names and write the numbers inside the jellyfish.

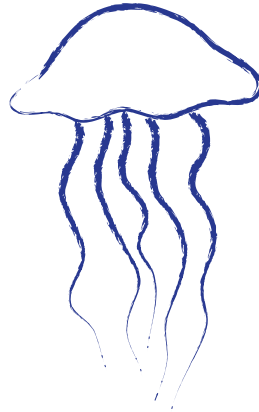
Two hundred thirty-seven



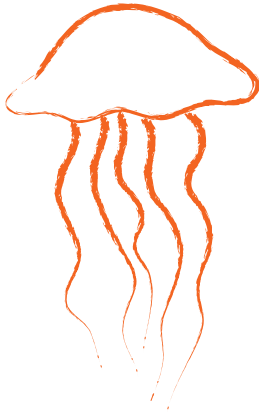
Eight hundred fifty-six



Sixty-five



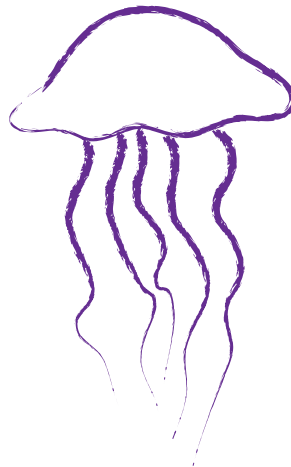
Eighty-one



Four hundred seven



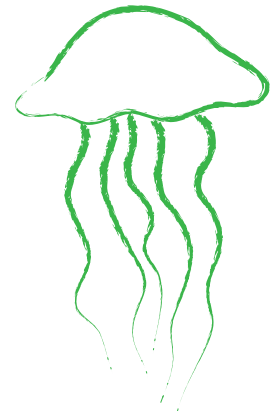
One thousand four hundred twenty



One hundred thirty-two



Three hundred eleven



Fifty-five



Largest to Smallest Numbers

Write each set of numbers in order from largest to smallest.

43 25 56 33 48 50

56

1567 985 762

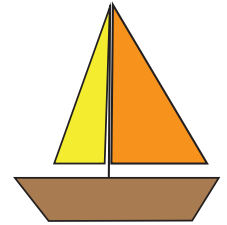
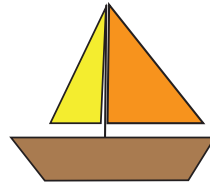
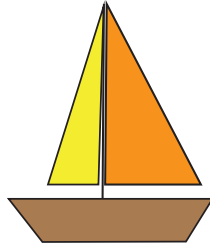
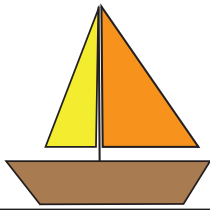
1020 1115

457 247 523

348 555

Ordering Numbers - Tallest to Smallest

Look at the numbers and write them in the order of biggest to smallest.



446

761

340

583

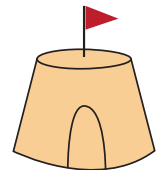
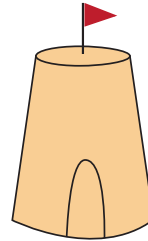
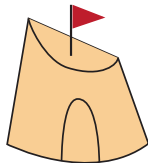
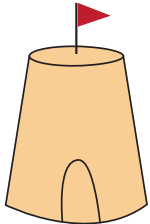


8

42

16

28



890

624

1043

412



1746

1057

1602

1328

Ordering Numbers - Heaviest to Lightest

Look at the numbers and write them in the order of biggest to smallest.



134	312	500	497



56	88	63	79



867	999	760	951



1256	1013	1856	1478

Comparing Numbers

Compare the numbers and write them inside the windows of the sand castle from the greatest to the least value. The first one is done for you.

567, 1087, 823

1087 > 823 > 567

1732, 300, 789

> >

215, 607, 182

> >

1032, 990, 1432

> >

731, 194, 1113, 852, 1095

> > > >

590, 864, 129, 400, 999

> > > >

Complete the Number Pattern

Find the number that will complete the pattern and write it.

1) 44, 46, 48, **50** _____

52	50	54	42
----	----	----	----



2) 125, 130, 135, _____

145	140	155	150
-----	-----	-----	-----



3) 763, 764, 765, _____

761	768	766	777
-----	-----	-----	-----



4) 7, 10, 13, _____

16	22	21	14
----	----	----	----



5) 70, 80, 90, _____

110	60	100	130
-----	----	-----	-----



6) 832, 834, 836, _____

838	842	840	830
-----	-----	-----	-----



7) 55, 56, 57, _____

59	60	54	58
----	----	----	----



8) 900, 910, 920, _____

940	930	960	980
-----	-----	-----	-----



10) 5, 10, 15, _____

35	20	30	45
----	----	----	----



11) 223, 226, 229, _____

230	228	220	232
-----	-----	-----	-----



12) 122, 124, 126, _____

132	121	128	130
-----	-----	-----	-----

13) 1071, 1072, 1073, _____

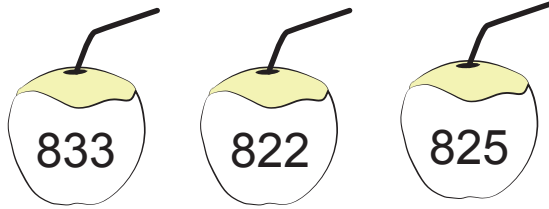
1771	1074	1075	1107
------	------	------	------



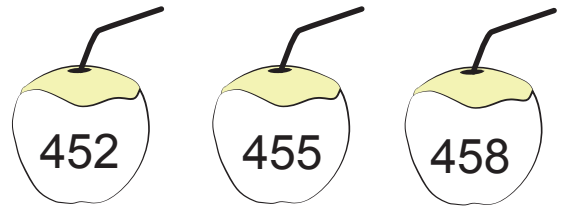
Mixed Bag Math

Read the question and color the coconut with the correct answer.

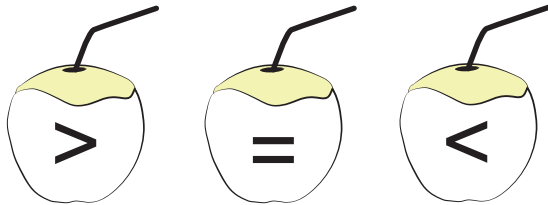
What comes after 821?



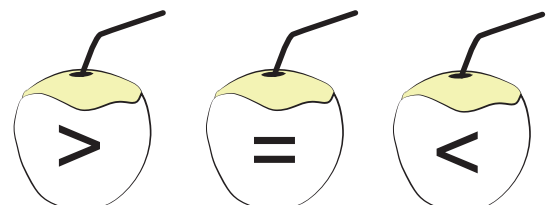
What comes before 453?



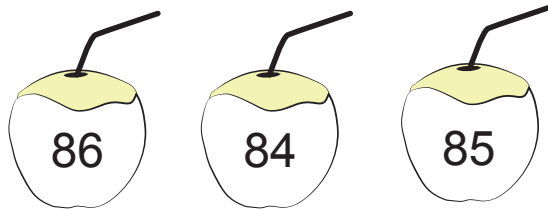
78 69



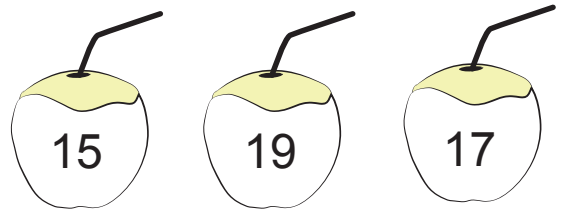
581 950



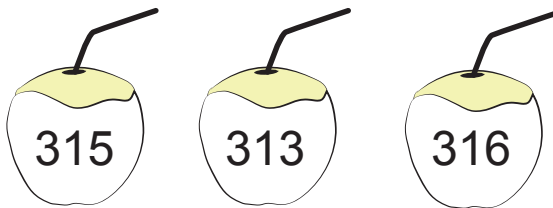
eighty-two, eighty-three, _____



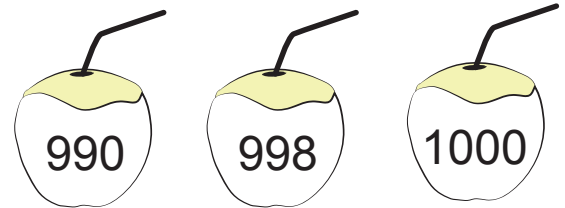
sixteen, _____, eighteen



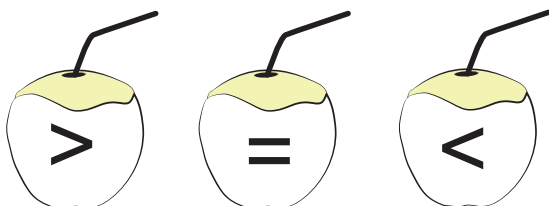
What comes between 312 and 314?



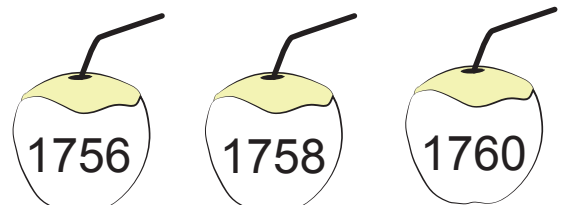
What comes after 999?



1010 1210



What comes between 1757 and 1759?



Number Riddles

Solve the riddle and circle the correct answer.

I have a 1 in my thousands place, 6 in my hundreds place, 4 in my tens place and 9 in the ones place. What number am I?



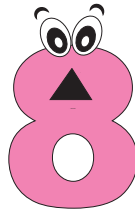
I have a 4 in my hundreds place, 9 in my tens place and 3 in the ones place. What number am I?

- a. 1,729 b. 376
c. 23 d. 1,649



- a. 493 b. 1,254
c. 899 d. 65

I have a 4 in my ones place. I am more than 22 but less than 30. What number am I?



I have a 2 in my hundreds place, 7 in my tens place and 5 in the ones place. What number am I?

- a. 34 b. 98
c. 204 d. 24



- a. 390 b. 1,230
c. 64 d. 275

I have a 6 in the tens place and 7 in the ones place. I am greater than 200 but less than 400. What number am I?



I have a 6 in my tens place. I am greater than 60 but less than 70. What number am I?

- a. 115 b. 367
c. 920 d. 471

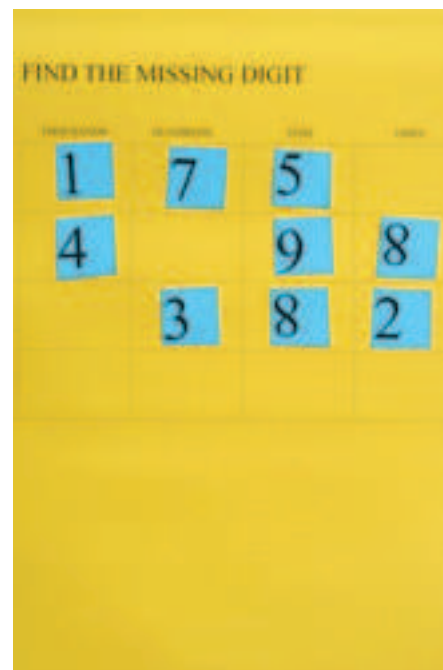


- a. 78 b. 60
c. 67 d. 13

Find the Missing Digit Game

 by Sally Ann Stanley

With a few index cards and a competitive spirit, practicing place value can be disguised as play! This game, which challenges your child to find the missing digit in a four-digit number, will strengthen your kid's understanding of thousands, hundreds, tens and ones. After a few rounds of play, your child will be identifying place value like nobody's business.



What You Need:

- 40 index cards. Use them to create four cards for each digit from 0-9 (for example, make four cards with the number 0, four with the number 1, etc.)
- Place value chart showing Thousands, Hundreds, Tens, and Ones

What You Do:

1. Give each player a set of 20 number cards. Make sure each person has two of each number. Review the place value chart with your child.
2. To start playing the game, say a 4-digit number aloud. Take three of your number cards and place each of them in the corresponding place value square, leaving one square empty. Let your child figure out which is the missing number. For example, if you say the number 1,236 and place cards in the thousands, hundreds, and one positions, she would have to figure out that the 3 is missing from the tens position.
3. Say the number again. Have your child complete the number by placing one of her number cards, the one showing the missing digit, on the empty place value square. Have your child read the place value of the missing digit. Ask your child to read the complete number. For every missing number she finds, she gets one point.
4. Switch roles.
- 5 After you've played this game a couple of times with only one digit missing, try gradually increasing the number of missing digits. Before long, your child will want to supply all four digits. Prepare to be happily trumped!

Find the Missing Digit

Thousands

Hundreds

Tens

Ones

Great job!

is an Education.com math superstar

