

GRADE 2 MATH WORKLOAD

GENERAL DIRECTIONS: Read and study the lessons below and answer all the exercises after each lesson in your Math notebook. It is required that you submit these on July 2, 2009.

Reading and Writing Numbers

Objectives:

To read numbers from 100 to 9,999 in symbols

To write numbers from 100 to 9,999 in words

You have learned about two-digit numbers in grade one. You learned that 10 is the smallest two-digit number while 99 is the greatest two-digit number.

Now we will study three-digit numbers and four-digit numbers.

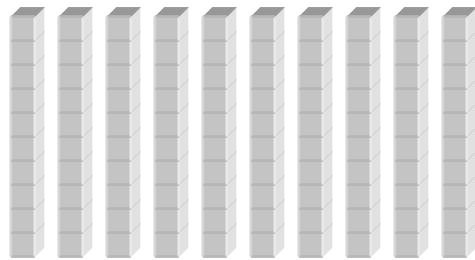


10 ones

=

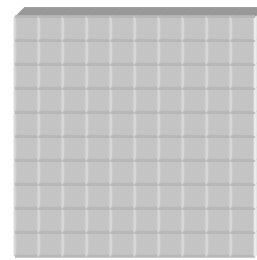


1 ten

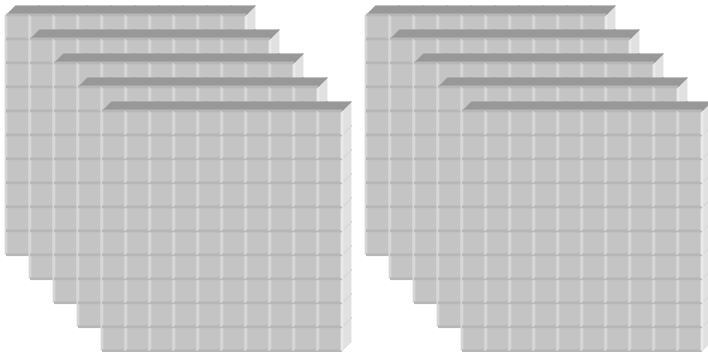


10 tens

=

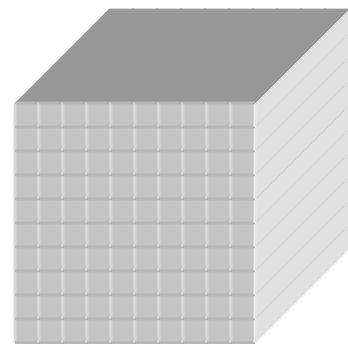


1 hundred



10 hundreds

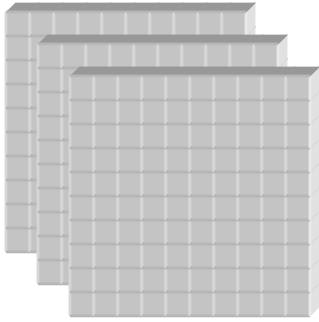
=



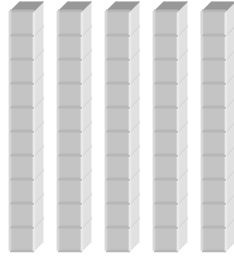
1 thousand

A number in symbol is called a numeral. For instance, the symbol **10** is a numeral for the number 'ten'. Similarly, the symbol **4,560** is a numeral to represent the idea of the number 'four thousand five hundred sixty'.

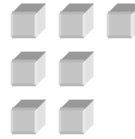
Study the following examples.



3 hundreds



5 tens



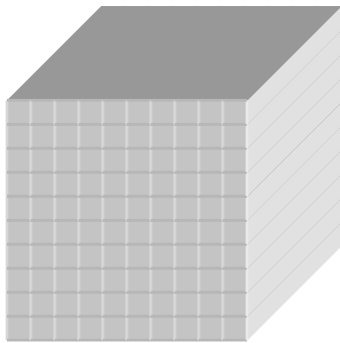
7 ones

We write in **NUMERAL form:**

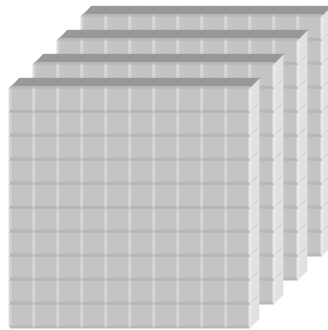
357

We write in **WORD form:**

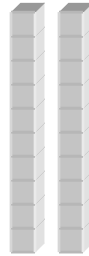
Three hundred fifty – seven



1 thousand



4 hundreds



2 tens



5 ones

We write in **NUMERAL form::** 1,425

We write in **WORD form:**

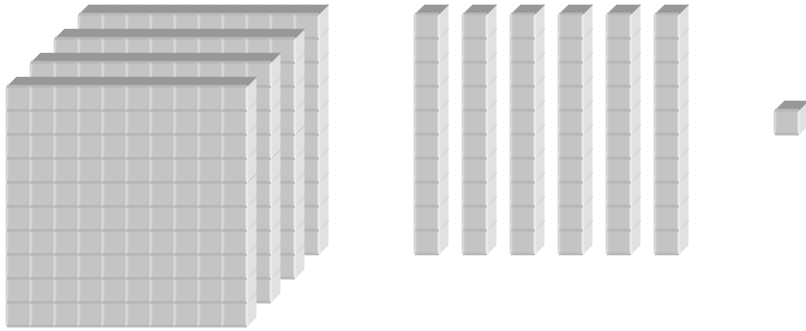
One thousand, four hundred twenty – five

A special numeral is **zero**, (**0**). It means there is no object.

Try These.

Underline the correct number in the drawing.

1.

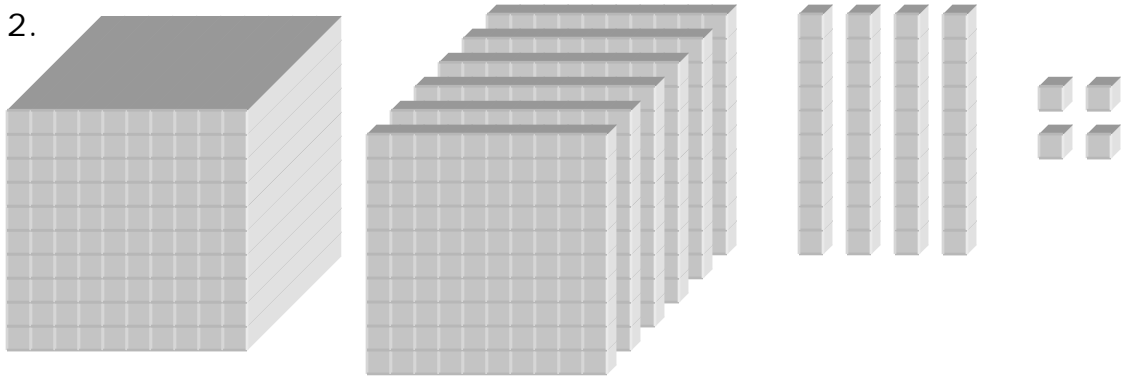


614

461

164

2.

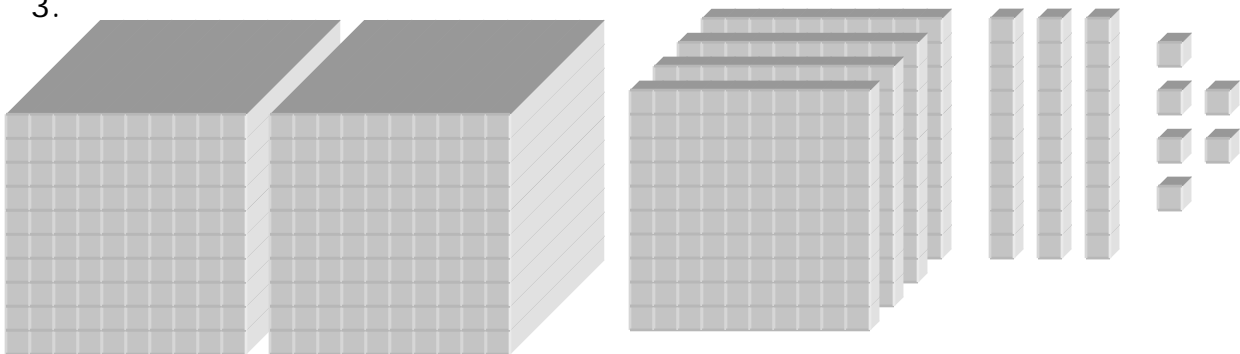


4,461

6,144

1,644

3.

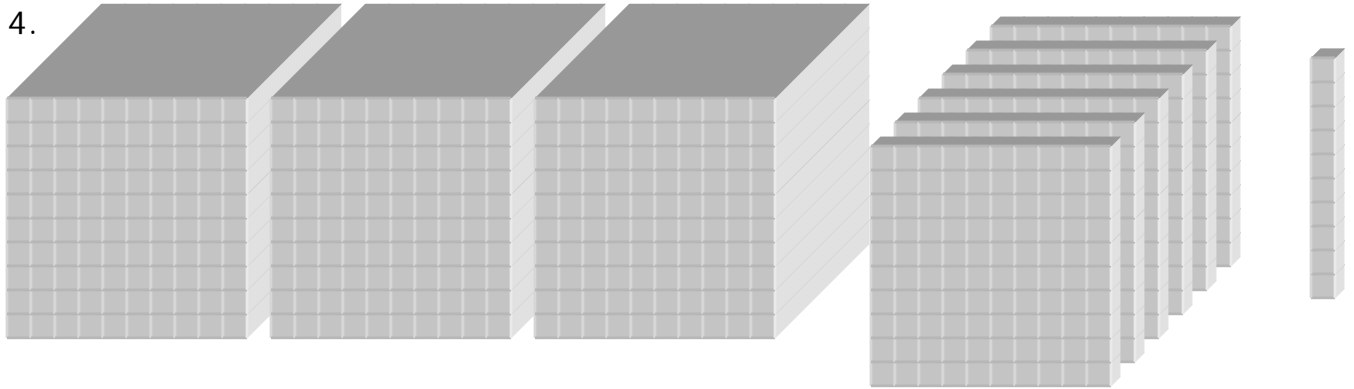


2,436

2,346

4,236

4.

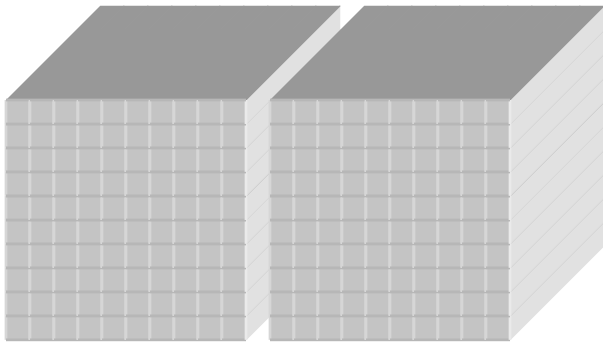
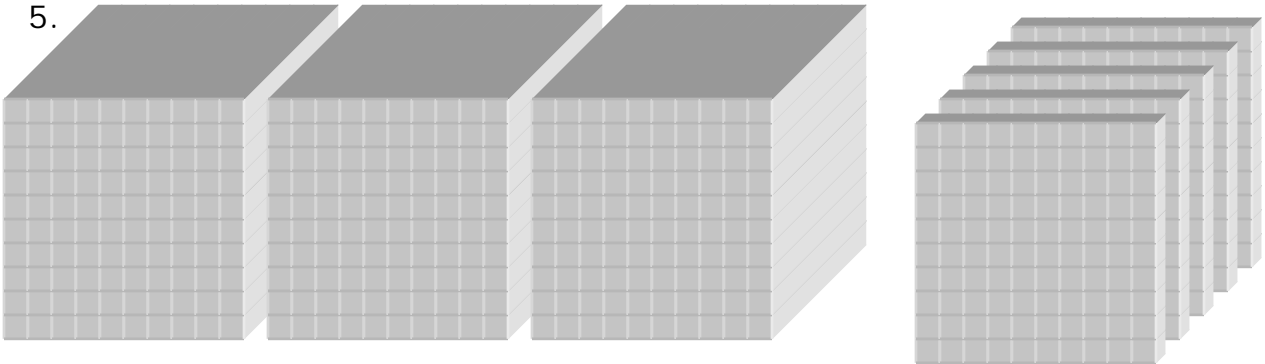


3,061

3,610

3,601

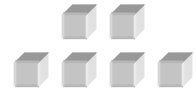
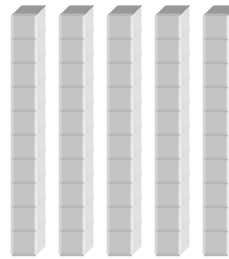
5.



6,555

5,655

5,556



Need More Challenge?

Write the following numbers in word form.

1. 13 _____ Thirteen _____

2. 156 _____

3. 347 _____

4. 1,457 _____

5. 3,158 _____

6. 5,209 _____

7. 6,959 _____

8. 7,330 _____

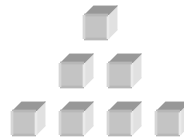
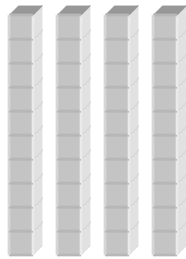
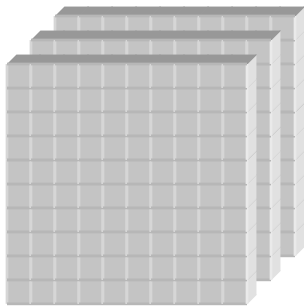
9. 8,249 _____

10. 9,427 _____

Conquer These.

Count and write in numeral and word form.

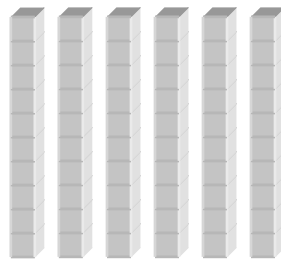
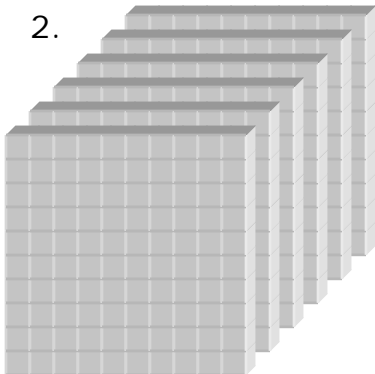
1.



Numeral : _____

Word Form : _____

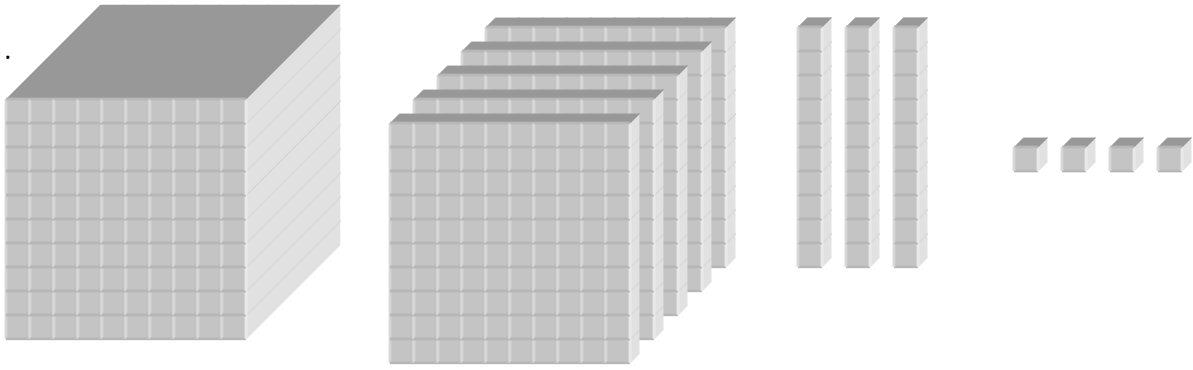
2.



Numeral : _____

Word Form : _____

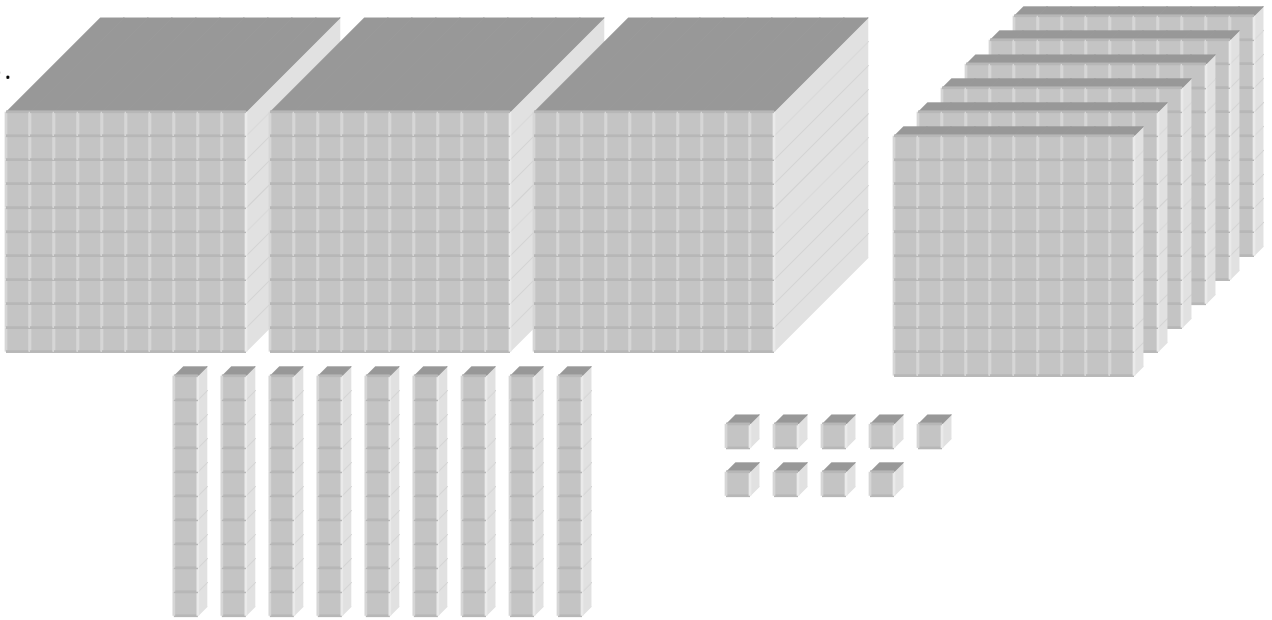
3.



Numeral : _____

Word Form : _____

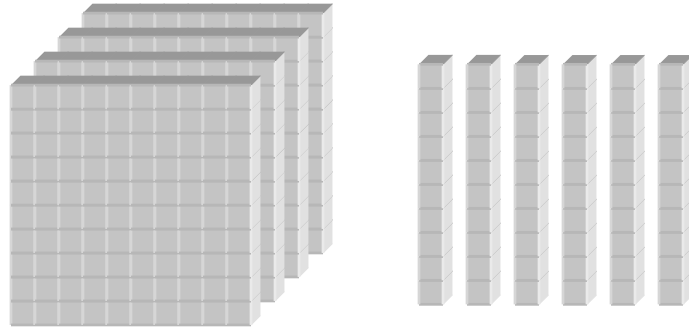
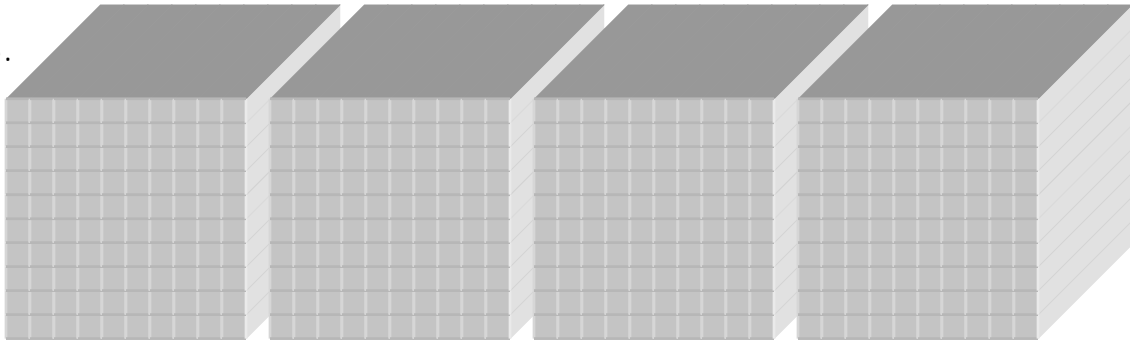
4.



Numeral : _____

Word Form : _____

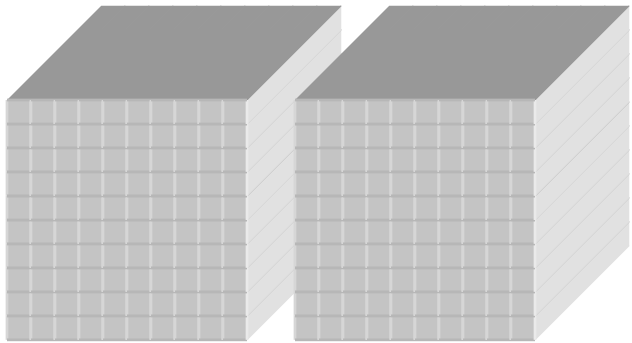
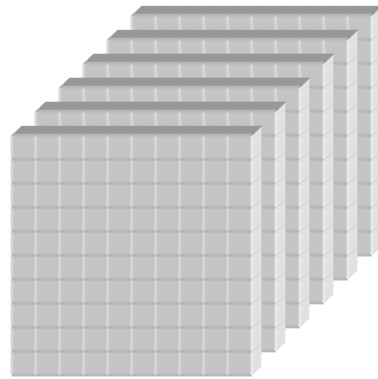
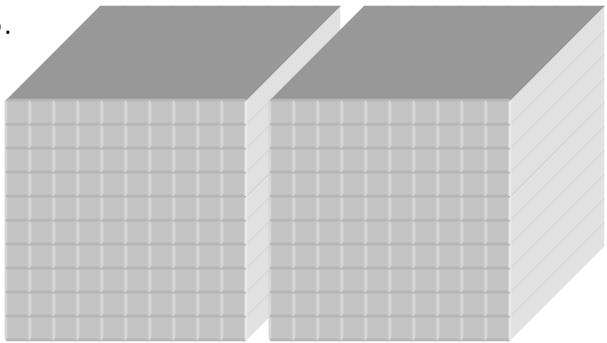
5.



Numeral : _____

Word Form : _____

6.



Numeral : _____

Word Form : _____

Place Value

Objectives:

To write numbers in different ways.

To identify values of each digit of a number.

Numbers are made up of digits. The value of each digit depends on its place in a number.



The moon is the closest celestial body in our planet.
The moon is about 238,900 miles from earth

Numbers, such as 238,900 and 452,612, have six digits. Each digit has a different place value.

The place value of the first digit in the number 238,900 is called the ***hundred thousands*** place. It tells you how many sets of one hundred thousand are in the number. The number **2**38,900 has two hundred thousands.

The place value of the second digit is in ***ten thousands*** place. In **2****3**8,900 there are three ten thousands in addition to two hundred thousands.

The third digit is in ***one thousands*** place which is eight in this example. Therefore there are two sets of hundred thousands, three sets of ten thousands, and eight sets of one thousands in the number **238**,900.

The fourth digit is in ***hundreds*** place. It tells you how many sets of hundreds there are in the number. The number 238,**9**00 has nine hundreds.

The next digit is in the ***tens*** place. This number has zero tens in addition of two hundred thousands, three ten thousands, eight one thousands and nine hundreds.

The last digit or the right most digit is in the ***ones*** place which is zero in this number. Therefore there are two sets of hundred thousands, three sets of ten thousands, eight sets of one thousands, nine sets of hundreds, zero set of tens, and zero set of ones in the number 238,9**0**.

⇒ A place-value chart can help explain what 238,900 means.

hundred thousands	ten thousands	thousands	hundreds	tens	ones
2	3	8	9	0	0

⇒ There are different ways to write 238,900.

Different Ways to Write a Number	
Standard Form	238,900
Expanded Form	200,000 + 30,000 + 8,000 + 900
Word Form	Two hundred thirty-eight thousand, nine hundred

Try These.

Write each number in expanded form.

1. 664 = 600 + 60 + 4
2. 1,500 = _____
3. 2,930 = _____
4. 9,573 = _____
5. 29,404 = _____

Write each number in word form

6. 85 = eighty – five
7. 394 = _____
8. 7,482 = _____
9. 46,256 = _____
10. 384,264 = _____

Need More Challenge?

Write each number in two other ways.

1. 80 + 3
83
eighty - three
2. seven thousand three hundred one

3. 853

4. $4,000 + 50 + 3$

5. four hundred sixty-three thousand eight hundred three

6. 29,576

7. $700,000 + 40,000 + 2,000 + 100 + 90 + 8$

8. nine hundred ninety-nine thousand nine hundred ninety - nine

9. 538,265

10. $300,000 + 5,000 + 70 + 2$

Conquer These.

Word Problem

1. Use these clues to find the year of the first Space Shuttle launch:

- ☞ It has an 8 in the tens place
- ☞ The ones digit is the same as the thousands digit
- ☞ The hundreds digit is greater than the tens digit

2. In which number is the value of the digit 3 greater: 4,358 or 3,582?

Explain your answer.