

Place Value Through Hundred Thousands

Write the number in the place-value chart in four ways.

Thousands				Ones		
hundred thousands	ten thousands	one thousands		hundreds	tens	ones
4	3	9	,	1	5	8

Short Word Form	Word Form
439 thousand, 158	four hundred thirty-nine thousand, one hundred fifty-eight
Standard Form	Expanded Form
439,158	$400,000 + 30,000 + 9,000 + 100 + 50 + 8$

Write each number in three other ways. You can use a place-value chart to help you.

1. 125,312

$100,000 + 20,000 + 5,000 + 300 + 10 + 2$

125 thousand, 312

one hundred twenty five thousand, three hundred twelve

2. $200,000 + 50,000 + 9,000 + 200 + 30 + 7$

259,237

259 thousand, 237

two hundred fifty nine thousand, two hundred thirty seven

3. 317 thousand, 209

317,209

$300,000 + 10,000 + 7,000 + 200 + 9$

three hundred seventeen thousand, two hundred nine

Name _____ Date _____

Practice
1.2

Place Value Through Hundred Thousands

Write each number in short word form.

1. $200,000 + 30,000 + 400 + 50 + 1$ 230,451

Write each number in standard form.

2. six hundred thirteen thousand, five hundred twenty-one 613,521

Write each number in expanded form.

3. 417,058 $400,000 + 10,000 + 7,000 + 50 + 8$

Write each number in word form.

4. 137 thousand, 215 one hundred thirty seven thousand, two hundred fifteen

Write the value of the underlined digit.

5. 528
20

6. 7,854
7,000

7. 236,064
30,000

8. 32,888
800

Algebra • Equations Find each missing number.

9. $5,000 + 200 + 60 + \underline{7} = 5,267$ 10. $6,000 + 700 + \underline{20} = 6,720$

Rewrite the number 54,722 to show each change.

11. Increase the number by 10,000.
64,722

12. Decrease the number by 100.
54,622



Test Prep

13. What form is used to write the number in the statement below?

About 135 thousand people live in my hometown.

- A standard C expanded
B short word D word

14. What is the value of the digit 5 in 356,017? Explain how you found your answer.

50,000

Place Value Through Hundred Thousands

Write each number in three other ways.

328 thousand, 514
Word form: three hundred twenty-eight thousand, five hundred fourteen
Expanded form: $300,000 + 20,000 + 8,000 + 500 + 10 + 4$
Standard form: 328,514

1. 246,718

• two hundred forty
six thousand, seven
hundred eighteen
 • $200,000 + 40,000 + 6,000 +$
 $700 + 10 + 8$
 • 246 thousand, 718

2. $300,000 + 40,000 + 2,000 + 100 + 50 + 9$

• 342,159
 • three hundred forty
two thousand, one hundred
fifty nine
 • 342 thousand, 159

Write the value of the underlined digit.

3. 76,982 900

4. 66,424 6,000

5. 925,733 30

Algebra • Equations Find each missing number.

6. $7,000 + \blacksquare + 40 + 5 = 7,845$

7. $\blacksquare + 8,000 + 900 + 70 + 6 = 18,976$

8. $200,000 + 40,000 + 5,000 + 700 + \blacksquare + 3 = 245,783$

Problem Solving

9. What is the value of the hundred thousands digit in the number 178,632?

100,000

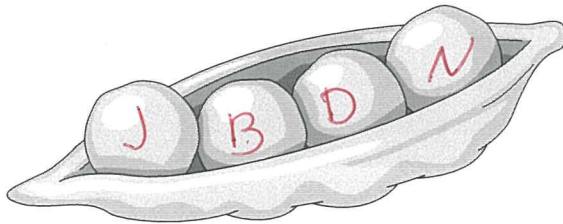
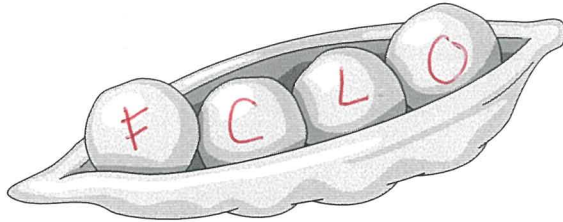
Name _____ Date _____

Peas in a Pod

Read the numbers on the left side of the page. The numbers are written in standard form, expanded form, short word form, and word form. In each pea pod, write the letters of four equal numbers.

Not every letter will be used.

- A. 8,687
- B. $800,000 + 60,000 + 800 + 70$
- C. 80 thousand, 687
- D. eight hundred sixty thousand, eight hundred seventy
- E. 86 thousand, 870
- F. 80,687
- G. eight thousand, six hundred eighty-seven
- H. 80 thousand, 870
- I. 86,870
- J. 860,870
- K. $8,000 + 600 + 80 + 7$
- L. eighty thousand, six hundred eighty-seven
- M. 8 thousand, 687
- N. 860 thousand, 870
- O. $80,000 + 600 + 80 + 7$



Name _____ Date _____

Problem Solving
1.2

Place Value Through Hundred Thousands

Use the table to answer each question.

1. What is the area of California? Write this number in word form.

one hundred fifty
eight thousand,
six hundred forty
eight

Area of States (square miles)	
State	Area
Alaska	587,878
Arizona	114,007
California	158,648
Colorado	104,100
Montana	147,047
Nevada	110,567
New Mexico	121,599
Texas	266,874

2. Which state has an area that is about one hundred four thousand square miles?

Colorado

3. Write the area of Alaska in expanded form and short word form.

$500,000 + 80,000 + 7,000 + 800 + 70 + 8$; 587 thousand, 878

4. **Predict** The area of Florida is about 100,000 square miles less than the area of California. What is the approximate area of Florida?

58,648

5. **Reasoning** Which state on the table has the greatest area? Can you tell by looking at the first digit of each number? Explain your reasoning.

Alaska. The number in the hundred thousands place is the highest (5).