

Understand it! In a 4-digit number, each digit tells how many thousands, hundreds, tens and ones there are.

Reading and Writing Thousands How can you read and write 4-digit numbers?

Ten hundreds equal one thousand.

Did you know that a male giraffe weighs between 1 080 and 1 360 kilograms?

This giraffe weighs 1 360 kilograms.





smallest

b Write some odd numbers that come between these 2 numbers.



Independent Practice

Write each in standard form.

- 7 twenty-seven thousand, five hundred and fifty
- **8** 800000 + 20000 + 6000 + 300 + 50



How can you show 239723 in different ways?



Write each number in expanded form.

Standard form: 239723

Expanded form: 200000 + 30000 + 9000 + 700 + 20 + 3

Word form: two hundred and thirty-nine thousand, seven hundred and twenty-three

9 46354 10 395908 Write the place value of the coloured digit. Then write its value in word form. 11 404705 Find each missing number. 26305 = 20000 +13 5 801960 = 800000 +14 + 60**Problem Solving** 15a Christopher had these five cards.

Arrange the cards to make 5-digit numbers. How many numbers can you make that are greater than 80000?

b How many numbers can you make that are greater than 90000?





b Write the numbers on cards then order them in ascending order.



Round 21 874 900 to the nearest thousand.

thousands place



If the digit to the right of the rounding place is 5 or more, add 1 to the rounding digit. If it is less than 5, leave the rounding digit alone.

21875000

Since 9 > 5, change the rounding digit to 5. Change the digits to the right of the rounding place to zeroes.

So, 21874900 rounds to 21875000.

Round 21 874900 to the nearest hundred thousand.

hundred thousands place



The digit to the right of the rounding place is 7.

21900000

Since the digit is 7, round by adding 1 to the digit in the hundred thousands place.

So, 21874900 rounds to 21900000.



Problem Solving

22a What numbers rounded to the nearest ten thousand can be rounded to 60000?

| b What is the largest number? What is the smallest number? | |
|--|--|
| largest | |
| smallest | |