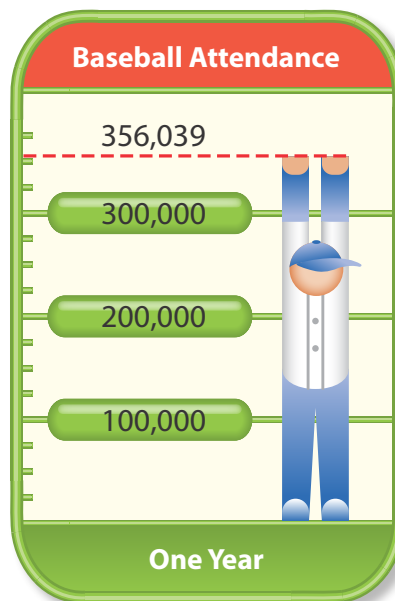


A

The graph shows the attendance at a ballpark over one year. Write the total attendance in expanded form and using number names.



Place value is the position of a digit in a number that tells the value of the digit.



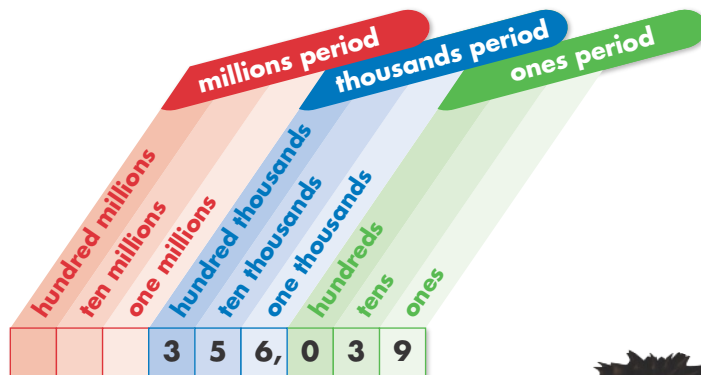
B

The place-value chart shows periods of three places, starting at the ones period from the right and including the thousands and **millions** period. Each **period** is separated by a comma and has three place values: ones, tens, and hundreds.

Each digit in 356,039 is written in its place on the chart. **Expanded form** shows the sum of the values of each digit.

Expanded form: $300,000 + 50,000 + 6,000 + 30 + 9$

Number name: three hundred fifty-six thousand, thirty-nine



Notice the comma separates the periods when the number name is written.



Convince Me! **Look for Relationships** What pattern exists in the three places in each period?

Another Example!

21,125 can be expanded and written in different ways.

$$20,000 + 1,000 + 100 + 20 + 5$$

$$21,000 + 100 + 25$$

$$20,000 + 1,100 + 20 + 5$$

Every form is equal to 21,125.



★ Guided Practice

Do You Understand?

1. What do you notice about the comma in the number on the previous page?
2. Write an example of a number that would include 2 commas.

Do You Know How?

3. Write 7,320 in expanded form.
4. Write 55,426 using number names.
5. In a recent year, 284,604 fans attended the hockey playoffs in Chicago. What digit is in the thousands place in 284,604?

★ Independent Practice ★

For **6–8**, write each number in expanded form.

6. 7,622

7. 294,160

8. 43,702

For **9–11**, write each number name.

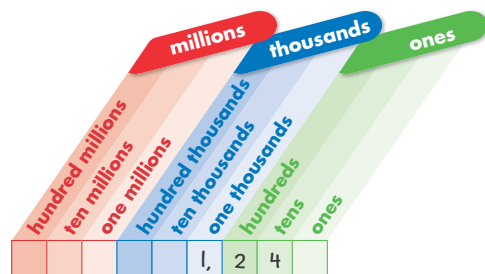
9. 1,688

10. 331,872

11. 44,444

Problem Solving

12. Letitia wrote one thousand, two hundred four in a place-value chart. What mistake did she make?



13. **Reasoning** In 2016, the world's oldest tree was 5,066 years old. Write the number that is one hundred more using number names.

14. Jessica wants to buy a new team jacket that costs \$35. If Jessica saves \$5 a week for 4 weeks and \$4 a week for 3 weeks, will she have enough money to buy the team jacket? Explain.

15. **Vocabulary** Drew wrote the following sentence: "A period is a group of any 3 three digits in a number." Do you agree with Drew? If not, how would you correct him?

16. **Higher Order Thinking** Two numbers have the same digit in the millions period, the same digits in the thousands period, and the same digits in the ones period. Do these two numbers have the same value? Explain.



Assessment Practice

17. Wallace writes the number 72,204 in a place-value chart. Select the places that will be filled on the chart.

- ☐ Ones
- ☐ Tens
- ☐ Thousands
- ☐ Ten thousands
- ☐ Hundred thousands

18. Select all that are equal to 96,014.

- ☐ $96,000 + 10 + 4$
- ☐ $90,000 + 60,000 + 10 + 4$
- ☐ $90,000 + 6,000 + 4$
- ☐ $90,000 + 6,000 + 10 + 4$
- ☐ $96,000 + 14$