

## Number Place Names

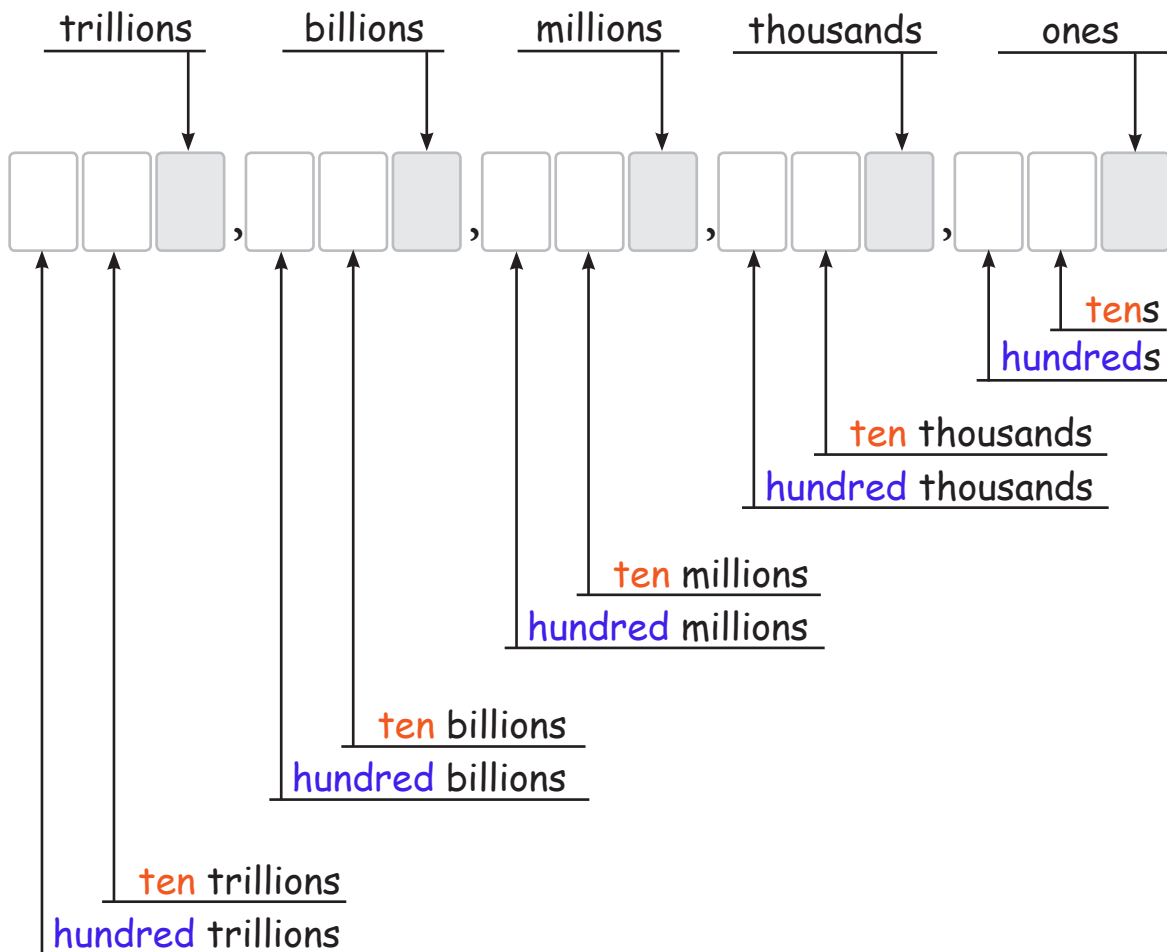
NS-PV 1

Memorizing the most common number place names will be much easier once you recognize how the pattern of “tens” and “hundreds” names are repeated as prefixes for each group of three number places.

These groups of three number places are called “periods”. The periods are separated by commas. Periods are named according to the name of the first (right-most) number place they contain. These names are listed below and the number places they refer to are shaded grey.

Once you memorize the period names, you can easily remember the names of the other two number places in each period by noticing that (except in the case of the ones period) you just attach the words “ten” and “hundred” in front of them.

There are more number places than are shown here (actually an infinite amount) but these are number places that are commonly used and are the most important to memorize.



## Identifying Number Places - Set 1

NS-PV 2

**Instructions:** Use your knowledge of number place names to identify the digits asked for in each problem below.

1 83,204

What digit is in the hundreds place? ..... 2

What digit is in the ten thousands place? ..... 8

2 69,425

What digit is in the ones place? ..... \_\_\_\_\_

What digit is in the thousands place? ..... \_\_\_\_\_

3 725,130

What digit is in the tens place? ..... \_\_\_\_\_

What digit is in the hundred thousands place? ..... \_\_\_\_\_

4 402,615

What digit is in the ten thousands place? ..... \_\_\_\_\_

What digit is in the thousands place? ..... \_\_\_\_\_

5 36,084,710

What digit is in the thousands place? ..... \_\_\_\_\_

What digit is in the millions place? ..... \_\_\_\_\_

6 50,325,899

What digit is in the ten millions place? ..... \_\_\_\_\_

What digit is in the hundred thousands place? ..... \_\_\_\_\_

7 812,684,185

What digit is in the hundred millions place? ..... \_\_\_\_\_

What digit is in the hundreds place? ..... \_\_\_\_\_

## Identifying Number Places - Set 2

NS-PV 3

**Instructions:** Use your knowledge of number place names to identify the digits asked for in each problem below.

1 **1,863**

What digit is in the tens place? \_\_\_\_\_

What digit is in the hundreds place? \_\_\_\_\_

2 **24,068**

What digit is in the ones place? \_\_\_\_\_

What digit is in the ten thousands place? \_\_\_\_\_

3 **180,356**

What digit is in the thousands place? \_\_\_\_\_

What digit is in the hundred thousands place? \_\_\_\_\_

4 **65,275,967**

What digit is in the ten millions place? \_\_\_\_\_

What digit is in the ten thousands place? \_\_\_\_\_

5 **94,073,503**

What digit is in the millions place? \_\_\_\_\_

What digit is in the ones place? \_\_\_\_\_

6 **2,734,981,862**

What digit is in the billions place? \_\_\_\_\_

What digit is in the hundred millions place? \_\_\_\_\_

7 **5,609,400,200**

What digit is in the millions place? \_\_\_\_\_

What digit is in the billions place? \_\_\_\_\_

## Invisible Number Places

NS-PV 4

**Instructions:** Number places are usually invisible, so you need to be able to identify the digits they contain even when they are not shown. For each multi-digit number below, circle the digit that is in the number place listed.

1 tens place  
4,2(3)5

2 thousands place  
3(7),106

3 ones place  
729

4 hundreds place  
5,062

5 ten thousands place  
3,107,933

6 millions place  
1,480,340

7 tens place  
992,847

8 hundred thousands place  
180,345,095

9 ten thousands place  
65,381,000

10 ten thousands place  
70,512

11 hundreds place  
8,184,326

12 hundred millions place  
60,522,168,000

13 ones place  
44,282,315

14 millions place  
1,546,108,320

15 billions place  
9,840,327,780,419

16 ten millions place  
52,789,160

17 trillions place  
1,630,705,116,525

18 ten billions place  
328,160,598,123

19 hundreds thousands place  
8,215,000

20 hundred billions place  
5,314,050,870,912

## Place Value

NS-PV 5

**Instructions:** Remember that a digit's place determines its value as you answer the questions below.

- 1 What is the place value of the digit '4' in this number?

24,180      4,000

- 2 What is the place value of the digit '2' in this number?

9,150,245      \_\_\_\_\_

- 3 What is the place value of the digit '7' in this number?

675,431      \_\_\_\_\_

- 4 What is the place value of the digit '6' in this number?

81,465      \_\_\_\_\_

- 5 What is the place value of the digit '1' in this number?

81,955,320      \_\_\_\_\_

- 6 What is the place value of the digit '9' in this number?

591,308      \_\_\_\_\_

- 7 What is the place value of the digit '2' in this number?

782,195      \_\_\_\_\_

- 8 What is the place value of the digit '7' in this number?

1,390,537      \_\_\_\_\_

- 9 What is the place value of the digit '8' in this number?

251,862,440      \_\_\_\_\_

- 10 What is the place value of the digit '4' in this number?

54,126,825      \_\_\_\_\_

- 11 What is the place value of the digit '9' in this number?

12,764,395      \_\_\_\_\_

- 12 What is the place value of the digit '8' in this number?

16,530,814      \_\_\_\_\_

- 13 What is the place value of the digit '2' in this number?

2,141,850,365      \_\_\_\_\_

- 14 What is the place value of the digit '5' in this number?

74,519,316      \_\_\_\_\_

## Expanded Form

NS-PV 6

**Instructions:** Use what you learned in the video to write these numbers in expanded form.

1 14,527      $10,000 + 4,000 + 500 + 20 + 7$

2 385     \_\_\_\_\_

3 97     \_\_\_\_\_

4 6,134     \_\_\_\_\_

5 35,729     \_\_\_\_\_

6 68,014     \_\_\_\_\_

7 40,920     \_\_\_\_\_

8 997     \_\_\_\_\_

9 125,378     \_\_\_\_\_

10 5,261     \_\_\_\_\_

11 33,333     \_\_\_\_\_

12 7,040,527     \_\_\_\_\_

13 750,088     \_\_\_\_\_

14 64,512     \_\_\_\_\_