



Place Value 8-Digit Numbers Activity Booklet



Place Value 8-Digit Number Challenge

Write a single-digit number in each star.



What is the...	
largest 8-digit number you can make?	
smallest 8-digit number you can make?	
largest odd 8-digit number?	
largest even 8-digit number?	
smallest odd 8-digit number?	
smallest even 8-digit number?	
largest 8-digit number rounded to the nearest 10?	
largest 8-digit number rounded to the nearest 100?	
largest 8-digit number rounded to the nearest 1000?	
largest 8-digit number rounded to the nearest 10 000?	
smallest 8-digit number rounded to the nearest 10?	
smallest 8-digit number rounded to the nearest 100?	
smallest 8-digit number rounded to the nearest 1000?	
smallest 8-digit number rounded to the nearest 10 000?	

Writing 8-Digit Numbers in Words

Write these 8-digit numbers in words. The first one has been done for you.

Number	Words
41 232 320	Forty-one million, two hundred and thirty-two thousand, three hundred and twenty.
36 729 431	
99 651 190	
74 378 000	
11 421 019	
67 311 304	
26 460 901	
13 256 874	
72 530 121	
71 672 910	
55 323 127	
66 989 123	
99 999 999	

Finding the Value of 8-Digit Numbers

Find the value of the underlined number. The first one has been done for you.

Number	Value in Words	Value in Numbers
<u>94</u> 231 901	ninety million	90 000 000
59 <u>632</u> 325		
84 <u>224</u> 321		
65 232 <u>110</u>		
47 79 <u>4</u> 432		
<u>99</u> 024 421		
76 <u>421</u> 103		
<u>39</u> 424 422		
45 01 <u>3</u> 422		
<u>68</u> 532 401		
33 <u>912</u> 313		
16 <u>635</u> 321		
44 <u>352</u> 631		
79 <u>424</u> 102		
<u>24</u> 232 121		
50 <u>242</u> 953		

Reading and Writing 8-Digit Numbers

Write these numbers into the place value chart.

Fifty-five million, three hundred and forty thousand, six hundred and twelve ✓

Seventy-six million, twenty-two thousand, four hundred and sixty-six

Twenty-four million, nine hundred and five thousand, six hundred and ninety-nine

Sixty million, seven hundred and ninety-one thousand, two hundred and twenty-one

Eighty-nine million, eight hundred and sixty-two thousand, nine hundred and eighty-four

Forty-six million, two hundred and one thousand, three hundred and nine

Ninety-one million, fifty-six thousand, two hundred and four

Ten million, two hundred and two thousand, four hundred and one

Ten Millions	Millions	Hundred Thousands	Thousands	Ten Thousands	Hundreds	Tens	Units
5	5	3	4	0	6	1	2

Ordering 8-Digit Numbers - Answers

81 422 423

81 422 427

85 321 101

73 910 943

31 901 943

55 321 110

74 999 001

99 214 652

32 763 321

49 821 324

55 491 325

99 123 341

96 491 325

69 542 709

98 000 990

97 734 488

97 932 456

88 000 990

Compare and order the numbers above from the smallest to the largest.

31 901 943	Smallest ↓ Largest
32 763 321	
49 821 324	
55 321 110	
55 491 325	
69 542 709	
73 910 943	
74 999 001	
81 422 423	
81 422 427	
85 321 101	
88 000 990	
96 491 325	
97 734 488	
97 932 456	
98 000 990	
99 123 341	
99 214 652	

Writing 8-Digit Numbers in Words - Answers

Write these 8-digit numbers in words. The first one has been done for you.

Number	Words
41 232 320	forty-one million, two hundred and thirty-two thousand, three hundred and twenty.
36 729 431	thirty-six million, seven hundred and twenty-nine thousand, four hundred and thirty-one.
99 651 190	ninety-nine million, six hundred and fifty-one thousand, one hundred and ninety.
74 378 000	seventy-four million, three hundred and seventy-eight thousand.
11 421 019	eleven million, four hundred and twenty-one thousand and nineteen.
67 311 304	sixty-seven million, three hundred and eleven thousand, three hundred and four.
26 460 901	twenty-six million, four hundred and sixty thousand, nine hundred and one.
13 256 874	thirteen million, two hundred and fifty-six thousand, eight hundred and seventy-four.
72 530 121	seventy-two million, five hundred and thirty thousand, one hundred and twenty-one.
71 672 910	seventy-one million, six hundred and seventy-two thousand, nine hundred and ten.
55 323 127	fifty-five million, three hundred and twenty-three thousand, one hundred and twenty-seven.
66 989 123	sixty-six million, nine hundred and eighty nine thousand, one hundred and twenty-three
99 999 999	nine million, nine hundred and ninety-nine thousand, nine hundred and ninety-nine

Finding the Value of 8-Digit Numbers - Answers

Find the value of the underlined number. The first one has been done for you.

Number	Value in Words	Value in Numbers
9 <u>4</u> 231 901	ninety million	90 000 000
59 6 <u>3</u> 2 325	thirty thousand	30 000
84 <u>2</u> 24 321	two hundred thousand	200 000
65 232 <u>1</u> 10	one hundred	100
47 79 <u>4</u> 432	four thousand	4000
9 <u>9</u> 024 421	nine million	9 000 000
76 <u>4</u> 21 103	four hundred thousand	400 000
<u>3</u> 9 424 422	thirty-nine million	39 000 000
45 01 <u>3</u> 422	three thousand	3000
<u>6</u> 8 532 401	sixty-eight million	68 000 000
33 <u>9</u> 12 313	nine hundred thousand	900 000
16 6 <u>3</u> 5 321	thirty thousand	30 000
44 <u>3</u> 52 631	three hundred thousand	300 000
79 4 <u>2</u> 4 102	twenty thousand	20 000
<u>2</u> 4 232 121	twenty-four million	24 000 000
50 <u>2</u> 4 953	forty thousand	40 000

Reading and Writing 8-Digit Numbers - Answers

Write these numbers into the place value chart.

Fifty-five million, three hundred and forty thousand, six hundred and twelve ✓

Seventy-six million, twenty-two thousand, four hundred and sixty-six

Twenty-four million, nine hundred and five thousand, six hundred and ninety-nine

Sixty million, seven hundred and ninety-one thousand, two hundred and twenty-one

Eighty-nine million, eight hundred and sixty-two thousand, nine hundred and eighty-four

Forty-six million, two hundred and one thousand, three hundred and nine

Ninety-one million, fifty-six thousand, two hundred and four

Ten million, two hundred and two thousand, four hundred and one

Ten Millions	Millions	Hundred Thousands	Thousands	Ten Thousands	Hundreds	Tens	Units
5	5	3	4	0	6	1	2
6	0	7	9	1	2	2	1
2	4	9	0	5	6	9	9
7	6	0	2	2	4	6	6
8	9	8	6	2	9	8	4
1	0	2	0	2	4	0	1
9	1	0	5	6	2	0	4
4	6	2	0	1	3	0	9