

Teacher's Guide

Set 1

Numeral Stories

The digit in my thousands and units place is the same. The digit in my hundreds place is the only odd numeral.

What numeral am I?

Set 1

Numeral Stories

My digits in the hundreds, tens and units place are all multiples of 3.

What is my numeral?

Set 1

Numeral Stories

The sum of my digits equals 4. The digits in my tens and hundreds place are equal to each other.

What is my number?

Set 1

Numeral Stories

The sum of the digits in my tens and units place equals the digit in my thousands place.

What am I?

Set 1

Numeral Stories

4,764

Set 1

Numeral Stories

8,369

Set 1

Numeral Stories

1,003

Set 1

Numeral Stories

3,721

Set 1

Numeral Stories

My value is one less than the next hierarchy after the unit thousands.

What is my numeral?

Set 1

Numeral Stories

The value of my thousands numeral equals the product of my tens and unit digits.

What numeral am I?

Set 1

Numeral Stories

The quantity of my hundreds numeral is the difference between my tens and my unit digits.

What numeral am I?

Set 1

Numeral Stories

The digit in my thousands place equals the product of my hundreds digit and my unit digit.

What is my numeral?

Set 1

Numeral Stories

9,999

Set 1

Numeral Stories

9,033

Set 1

Numeral Stories

2,473

Set 1

Numeral Stories

6,273

Set 1

Numeral Stories

The digits in my thousands and unit place are equal. The product of my unit and tens digit equals the difference between the digit in my unit and thousands place.

What am I?

Set 1

Numeral Stories

All of my digits are even. They are also multiples of two.

What numeral am I?

Set 2

Numeral Stories

The digits in the thousands family will compose a dividend that is easily divisible by the digit in the unit place.

What numeral am I?

Set 2

Numeral Stories

The digit in the hundreds place equals the product of the tens and unit place. The difference between the ten thousand and the unit thousand place equals the digit in the tens place.

What numeral am I?

Set 1

Numeral Stories

5,005

Set 1

Numeral Stories

2,648

Set 2

Numeral Stories

639,003

Set 2

Numeral Stories

53,623

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Set 2

Numeral Stories

The sum of the digits in the hundreds and tens place equals the digit in the lowest hierarchy.

What numeral am I?

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Set 2

Numeral Stories

The product of the digits in the hundreds and unit place equals the digits in the thousands family.

What numeral am I?

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Set 2

Numeral Stories

The square of the digit in the tens place equals the digits in the 10,000 and unit thousand place.

What is my number?

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Set 2

Numeral Stories

The sum of the digits in the simple family minus the product of the digits in the thousands family equals the digit in the millions place.

What is my numeral?

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Set 2

Numeral Stories

90,369

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Set 2

Numeral Stories

15,305

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Set 2

Numeral Stories

781,095

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Set 2

Numeral Stories

3,207,719

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Set 2

Numeral Stories

The sum of the digits in the tens place and the digit in the unit thousands place equals the products of the digits in the ten and hundred thousands place.

What numeral am I?

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Set 2

Numeral Stories

The digit in the millions place equals the value of the square of the hundreds digit minus the digit in the thousands place.

What is this numeral?

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Set 2

Numeral Stories

The sum of all the digits equals the cube of the digit in the units place.

What is this numeral?

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Set 2

Numeral Stories

The sum of the digits in the simple family equal half the value of the digits in the millions, 100,000 and 10,000 place. They are also the inverse of the sum of the digits in the thousands family.

What numeral am I?

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Set 2

Numeral Stories

2,538,072

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Set 2

Numeral Stories

8,621,304

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Set 2

Numeral Stories

808,083

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Set 2

Numeral Stories

9,876,543

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Set 3

Numeral Stories

The sum of the digits in the ten thousandths place and the thousandths place equal the digit in the unit place.

What numeral am I?

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Set 3

Numeral Stories

The sum of the decimal digits equals the product of the whole number digits.

What numeral is this?

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Set 3

Numeral Stories

The value of the decimal digits multiplied by 10^3 equals the whole number.

What numeral am I?

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Set 3

Numeral Stories

The value of the hundredths place is equal to $1/3$ of the tenths place. The digit in the tenths place equals $1/2$ of the whole number. The digit in the thousandths place is $1/6$ of the whole number.

What numeral am I?

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Set 3

Numeral Stories

8.0262

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Set 3

Numeral Stories

36.936

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Set 3

Numeral Stories

36.036

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Set 3

Numeral Stories

18.933

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Numeral Stories Set 3

The digits in the decimal are $\frac{2}{3}$ of the whole number. The value of the whole number is 150 times that of the decimal.

What is this numeral?

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Numeral Stories Set 3

This numeral is a palindrome. The whole number is 10^3 more than the decimal value.

What is this numeral?

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Numeral Stories Set 3

The value of the digit in the thousandths place is greater than the digit in the unit place. The digit in the tenths place is the same as in the hundredths place.

What numeral am I?

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Numeral Stories Set 3

The digit in the tenths place equals the difference between the digit in the unit place and the digit in the hundredths place. The digit in the tenths place is 4 times less than the digit in the unit place.

What numeral am I?

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Numeral Stories Set 3

15.10

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Numeral Stories Set 3

232.232

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Numeral Stories Set 3

7.3386

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Numeral Stories Set 3

8.267

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Numeral Stories Set 3

The digit in the thousandths place is more than the digit in the tenths place. The digit of the hundredths place is the same as the digit in the unit place.

What numeral am I?

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Numeral Stories Set 3

The digits in the tenths and hundredths place are the product of the units and thousandth digits. The digit in the thousandths place is $\frac{1}{2}$ the digit in the unit place.

What numeral am I?

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Roman Numeral Stories Set 4

The value of this Roman numeral is 1 less than 10^2 .

Which Roman numeral is it?

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Roman Numeral Stories Set 4

This Roman numeral equals the Hindu-Arabic numeral that places, in chronological order, the first 4 digits larger than 0.

Which numeral is it?

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Numeral Stories Set 3

0.002

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Numeral Stories Set 3

6.183

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Roman Numeral Stories Set 4

IC

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Roman Numeral Stories Set 4

MCCXXXIV

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Roman Numeral Stories Set 4

The value of this Roman numeral equals the square of the smallest Roman numeral in this set.

Which Roman numeral is it?

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Roman Numeral Stories Set 4

The value of this Roman numeral equals a 4 digit numeral where all the digits are even.

Which numeral is it?

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Roman Numeral Stories Set 4

The value of this Roman Numeral is equal to the last teen prime number.

Which numeral is it?

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Roman Numeral Stories Set 4

The value of this numeral in Hindu-Arabic numerals would equal ten when all the digits were added together.

Which Roman Numeral is it?

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Roman Numeral Stories Set 4

XXXVI

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Roman Numeral Stories Set 4

MMCDLXVIII

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Roman Numeral Stories Set 4

XIX

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Roman Numeral Stories Set 4

MIX

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Teacher's Guide

Set 4

Roman Numeral Stories

The value of this Roman numeral is equal to the square of the 4th even numeral after 0.

Which numeral is it?

Set 4

Roman Numeral Stories

This Roman numeral equals the product of the first three prime numbers.

Which Roman numeral is it?

Set 4

Roman Numeral Stories

LXIV

Set 4

Roman Numeral Stories

VI