

# 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

# Teacher's Guide

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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# Teacher's Guide

**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