

MATH SKETCH NOTES

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These 5th-grade math sketch notes (AKA doodle pages) are a powerful learning and teaching tool. They cover essential math concepts and procedures for students in a visually appealing way. You can use this resource to supplement any math curriculum, and they are perfect for previewing/pre-teaching or reviewing/reinforcing.

These sketch pages are like mini anchor charts that your students actively create and can be referred to in the future.

WHAT'S INCLUDED:

- Blank student note page
(two sizes: 8.5 × 11 & composition notebook size for INBs)
- Detailed answer key
- Step-by-step PowerPoint

GUIDED NOTE-TAKING

Guiding your students through the note-taking process is so easy and requires almost zero preparation!

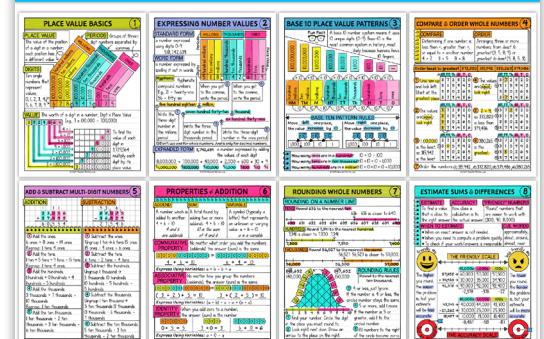
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

WHY SKETCH?

Sketch notes present your students with a meaningful and engaging activity they will love. Doodle note-taking activates verbal and visual modalities to capture concepts. The whole brain is absorbed in hearing, synthesizing, and retaining ideas. This high level of engagement helps students retain the content and leaves little room for distraction.

GET THE BUNDLE!!!

FIFTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE

MATH SKETCH NOTES

EXPRESSING NUMBER VALUES

2

Set 5

STANDARD FORM

A number expressed using digits 0-9
518,742,639

WORD FORM

A number expressed by spelling it out in words

Hyphens

Hyphenate compound numbers.
E.g., 21 = twenty-one
56 = fifty-six

MILLIONS			THOUSANDS			ONES		
hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones
5	1	8	7	4	2	6	3	9

Periods: Millions, Thousands, Ones

Digits: 5, 1, 8, 7, 4, 2, 6, 3, 9

Place Value: hundred millions, ten millions, millions, hundred thousands, ten thousands, thousands, hundreds, tens, ones

When you get to the comma, write the period.

When you get to the comma, write the period.

Write the three-digit number in the millions period.

Write the three-digit number in the thousands period.

Write the three-digit number in the ones period.

Don't use and for whole numbers. And is only for decimal numbers.

EXPANDED FORM

8,742,639 A number expressed by adding the value of each digit

$$8,000,000 + 700,000 + 40,000 + 2,000 + 600 + 30 + 9$$

GRADE 5

EXPRESSING NUMBER VALUES 2

STANDARD FORM

A number expressed using digits 0-9

518,742,639

WORD FORM

A number expressed by spelling it out in words

Hyphens

Hyphenate compound numbers.
E.g., 21 = twenty-one
56 = fifty-six

five hundred eighteen

MILLIONS			THOUSANDS			ONES		
hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones
5	1	8	7	4	2	6	3	9

When you get to the comma, write the period.

When you get to the comma, write the period.

EXPRESSING NUMBER VALUES 2

STANDARD FORM

A number expressed using digits 0-9

518,742,639

WORD FORM

A number expressed by spelling it out in words

Hyphens

Hyphenate compound numbers.
E.g., 21 = twenty-one

MILLIONS			THOUSANDS			ONES		
hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones
5	1	8	7	4	2	6	3	9

When you get to the comma, write the period.

When you get to the comma, write the period.

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



EXPANDED FORM 518,742,639 A number expressed as the sum of the values of each digit

8,000,000	+ 700,000	+ 40,000	+ 2,000	+ 600	+ 30	+ 9
8,000,000	700,000	40,000	2,000	600	30	9

the values of each digit

8,000,000	+ 700,000	+ 40,000	+ 2,000	+ 600	+ 30	+ 9
8,000,000	700,000	40,000	2,000	600	30	9

STEP-BY-STEP POWERPOINT

EXPRESSING NUMBER VALUES 2

STANDARD FORM

A number expressed using digits 0-9
518,742,639

MILLIONS			THOUSANDS			ONES		
Periods	millions	thousands	hundred thousands	ten thousands	thousands	hundreds	tens	ones
	7	4	2	6	3	9		

When you get to the comma, write the period.

Write the three-digit number in the millions period.

Write the three-digit number in the thousands period.

Write the three-digit number in the ones period.

Don't use and for whole numbers. And is only for decimal numbers.

EXPANDED FORM

8,742,639 A number expressed by adding the values of each digit

$$8,000,000 + 700,000 + 40,000 + 2,000 + 600 + 30 + 9$$

$$8,000,000 + 700,000 + 40,000 + 2,000 + 600 + 30 + 9$$

EXPRESSING NUMBER VALUES 2

STANDARD FORM

A number expressed using digits 0-9
518,742,639

WORD FORM

A number expressed by spelling it out in words

Hyphens

Hyphenate compound numbers.

E.g., 21 = twenty-one
56 = fifty-six
five hundred

Write the three-digit number in the millions period.

Write the three-digit number in the thousands period.

Write the three-digit number in the ones period.

Don't use and for whole numbers. And is only for decimal numbers.

EXPANDED FORM

A number expressed by adding the values of each digit

$$\begin{array}{r} 8,000,000 + 700,000 + 40,000 + 2,000 + 600 + 30 + 9 \\ \uparrow \quad \quad \quad \uparrow \quad \quad \quad \uparrow \quad \quad \quad \uparrow \quad \quad \quad \uparrow \quad \quad \quad \uparrow \\ 1,000,000 \quad 100,000 \quad 10,000 \quad 1,000 \quad 100 \quad 10 \quad 1 \end{array}$$

MILLIONS			THOUSANDS			ONES		
hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones
5	1	8	7	4	2	6	3	9

DETAILED ANSWER KEY