

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!

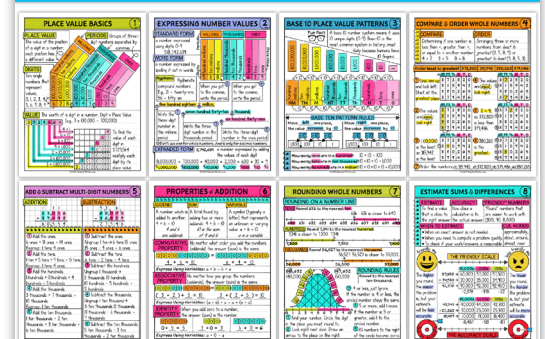
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

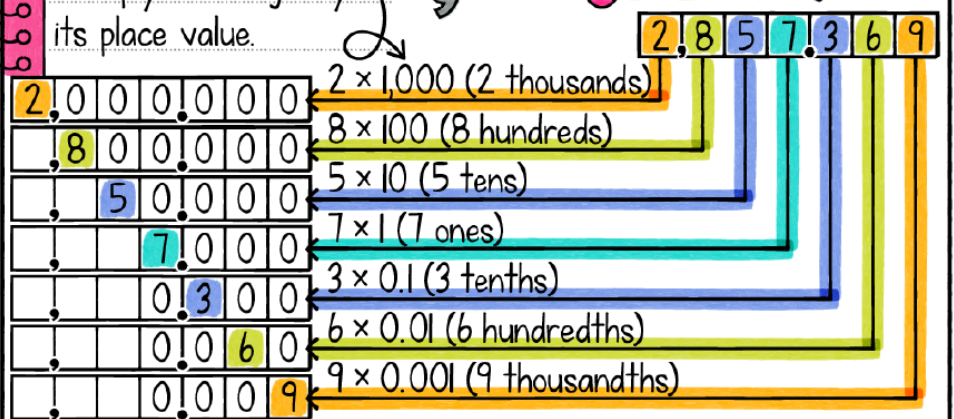
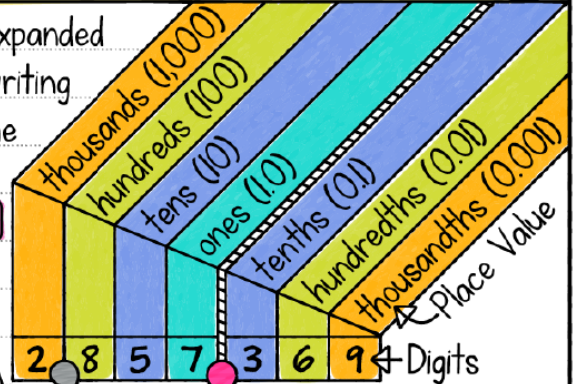
MATH SKETCH NOTES

DECIMAL NUMBERS in EXPANDED FORM (56)

Set 5

Expanded form (AKA expanded notation) is a way of writing numbers that shows the value of each digit.

To find the value of each digit in 2,857.369, multiply each digit by its place value.



Write 8,265.947 in expanded form/notation.

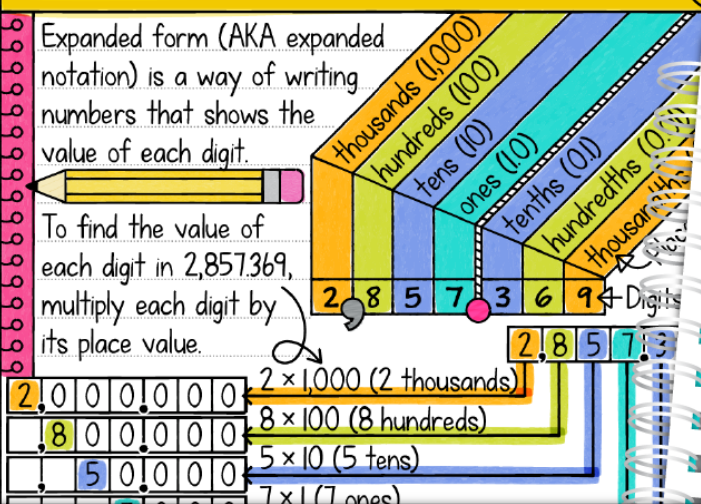
$$\begin{aligned} & \text{thousands} \quad \text{hundreds} \quad \text{tens} \quad \text{ones} \\ & (8 \times 1,000) + (2 \times 100) + (6 \times 10) + (5 \times 1) \\ & + (9 \times 0.1) + (4 \times 0.01) + (7 \times 0.001) \\ & \quad \quad \quad \text{tenths } \frac{1}{10} \quad \text{hundredths } \frac{1}{100} \quad \text{thousandths } \frac{1}{1,000} \end{aligned}$$

GRADE 5

DECIMAL NUMBERS in EXPANDED FORM 56 Set 5

Expanded form (AKA expanded notation) is a way of writing numbers that shows the value of each digit.

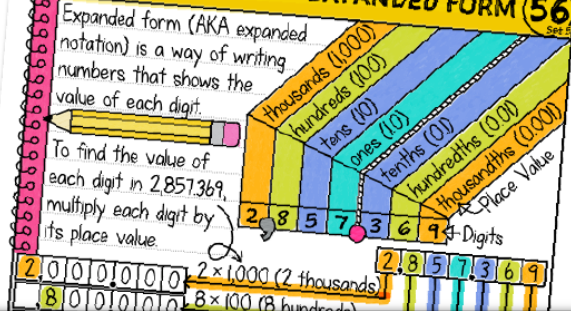
To find the value of each digit in 2,857.369, multiply each digit by its place value.



DECIMAL NUMBERS in EXPANDED FORM 56 Set 5

Expanded form (AKA expanded notation) is a way of writing numbers that shows the value of each digit.

To find the value of each digit in 2,857.369, multiply each digit by its place value.



2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK

$$(8 \times 1,000) + (2 \times 100) + (6 \times 10) + (3 \times 1) + (9 \times 0.1) + (4 \times 0.01) + (1 \times 0.001)$$

tenths $\frac{1}{10}$ hundredths $\frac{1}{100}$ thousandths $\frac{1}{1,000}$

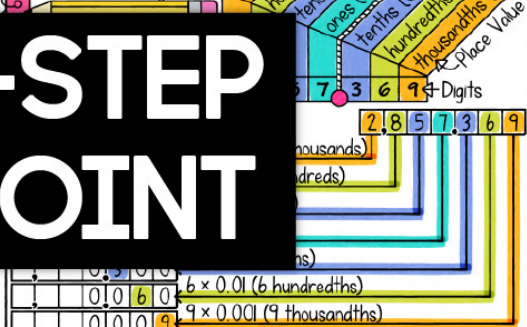
$$(2 \times 0.1) + (4 \times 0.01) + (1 \times 0.001)$$

tenths $\frac{1}{10}$ hundredths $\frac{1}{100}$ thousandths $\frac{1}{1,000}$

STEP-BY-STEP POWERPOINT

DECIMAL NUMBERS in EXPANDED FORM 56 Sets

Expanded form (AKA expanded notation) is a way of writing numbers that shows the value of each digit.



Write 8,265.147 in expanded form/notation.

$$\begin{aligned} & \text{thousands} \quad \text{hundreds} \quad \text{tens} \quad \text{ones} \\ & (8 \times 1,000) + (2 \times 100) + (6 \times 10) + (5 \times 1) \\ & + (1 \times 0.1) + (4 \times 0.01) + (7 \times 0.001) \\ & \text{tenths} \quad \text{hundredths} \quad \text{thousandths} \end{aligned}$$

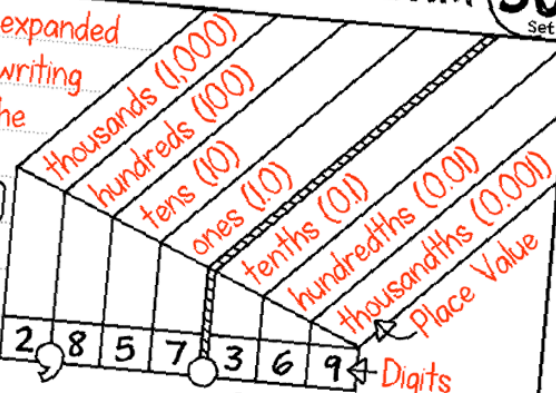
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MacBook Pro

DECIMAL NUMBERS in EXPANDED FORM 56

Expanded form (AKA expanded notation) is a way of writing numbers that shows the value of each digit.

To find the value of each digit in 2,857.369, multiply each digit by its place value.



2	0	0	0	0	0	0	2 × 1,000 (2 thousands)
8	0	0	0	0	0	0	
5	0	0	0	0	0	0	
7	0	0	0	0	0	0	
0	3	0	0	0	0	0	
0	0	0	0	0	0	0	
0	0	0	0	9	0	0	9 × 0.001 (9 thousandths)

DETAILED ANSWER KEY

Write 8,265.947 in expanded form/notation.

$$\begin{aligned}
 & \text{thousands} \quad \text{hundreds} \quad \text{tens} \quad \text{ones} \\
 & (8 \times 1,000) + (2 \times 100) + (6 \times 10) + (5 \times 1) \\
 & + (9 \times 0.1) + (4 \times 0.01) + (7 \times 0.001) \\
 & \quad \text{tenths } \frac{1}{10} \quad \text{hundredths } \frac{1}{100} \quad \text{thousandths } \frac{1}{1,000}
 \end{aligned}$$