

MATH SKETCH NOTES

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These 4th-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 x 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!

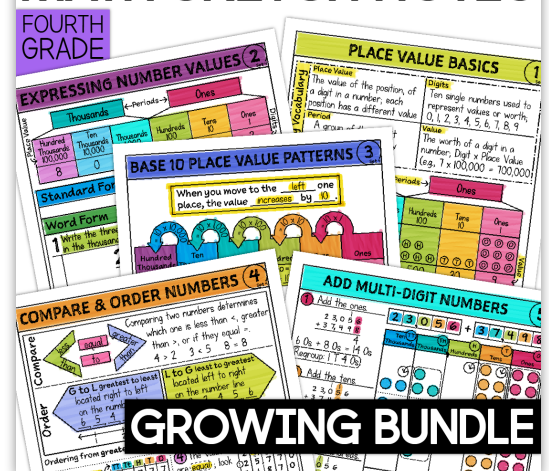
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

MATH SKETCH NOTES



MATH SKETCH NOTES

DECIMAL PLACE VALUE PATTERNS (49)

Set 4

If you move to the left one place, the value increases by 10.

Hundreds	Tens	Ones	Tenths	Hundredths
100 is 10×10	10 is 1×10	1 is 0.1×10	0.1 is 0.01×10	0.01 is 0.001×10
Fraction part $\rightarrow$ 100 whole $\rightarrow$	Fraction part $\rightarrow$ 10 whole $\rightarrow$	Fraction part $\rightarrow$ 1 whole $\rightarrow$	Fraction part $\rightarrow$ 1 whole $\rightarrow$ 10	Fraction part $\rightarrow$ 1 whole $\rightarrow$ 100
100-dollar bill	10-dollar bill	dollar bill	dime	penny
one tenth of 100 is 10	one tenth of 10 is 1	one tenth of 1 is 0.1	one tenth of 0.1 is 0.01	one tenth of 0.01 is 0.001
$100 \div 10$ is 10	$10 \div 10$ is 1	$1 \div 10$ is 0.1	$0.1 \div 10$ is 0.01	$0.01 \div 10$ is 0.001
Hundreds	Tens	Ones	Tenths	Hundredths

If you move to the right one place, the value decreases by 10.

GRADE 4

DECIMAL PLACE VALUE PATTERNS (49)

If you move to the left one place, the value increases by 10.

Hundreds	Tens	Ones	Tenths	Hundredths
100 is 10×10	10 is 1×10	1 is 0.1×10	0.1 is 0.01×10	0.01 is 0.001×10
Fraction part $\rightarrow \frac{100}{100}$ whole $\rightarrow 1$	Fraction part $\rightarrow \frac{10}{10}$ whole $\rightarrow 1$	Fraction part $\rightarrow \frac{1}{10}$ whole $\rightarrow 1$	Fraction part $\rightarrow \frac{1}{100}$ whole $\rightarrow 10$	Fraction part $\rightarrow \frac{1}{1000}$ whole $\rightarrow 100$
				

DECIMAL PLACE VALUE PATTERNS (49)

If you move to the left one place, the value increases by 10.

Hundreds	Tens	Ones	Tenths	Hundredths
100 is 10×10	10 is 1×10	1 is 0.1×10	0.1 is 0.01×10	0.01 is 0.001×10
Fraction part $\rightarrow \frac{100}{100}$ whole $\rightarrow 1$	Fraction part $\rightarrow \frac{10}{10}$ whole $\rightarrow 1$	Fraction part $\rightarrow \frac{1}{10}$ whole $\rightarrow 1$	Fraction part $\rightarrow \frac{1}{100}$ whole $\rightarrow 10$	Fraction part $\rightarrow \frac{1}{1000}$ whole $\rightarrow 100$
				

2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK

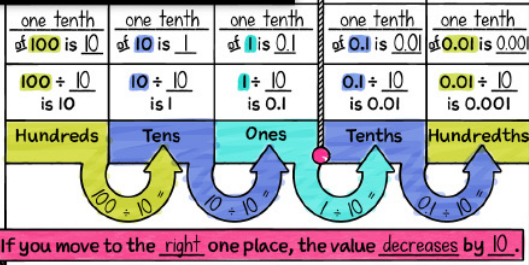
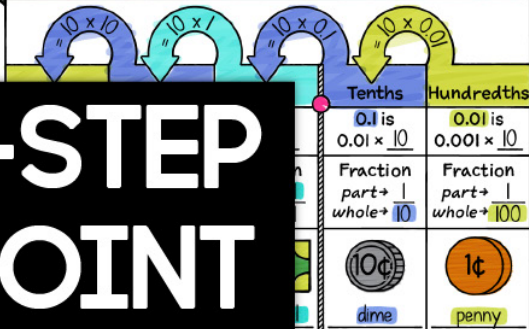


If you move to the right one place, the value decreases by 10.

STEP-BY-STEP POWERPOINT

DECIMAL PLACE VALUE PATTERNS (49)

If you move to the left one place, the value increases by 10.



If you move to the right one place, the value decreases by 10.

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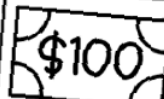
MacBook Pro

DECIMAL PLACE VALUE PATTERNS (49)

Set 4

If you move to the left one place, the value increases by 10.

10×10	10×1	10×0.1	10×0.01	
Hundreds	Tens	Ones	Tenths	Hundredths
100 is 10×10	10 is 1×10	1 is 0.1×10	0.1 is 0.01×10	0.01 is 0.001×10
Fraction part $\rightarrow 100$ whole $\rightarrow 1$	Fraction part $\rightarrow 10$ whole $\rightarrow 1$	Fraction part $\rightarrow 1$ whole $\rightarrow 1$	Fraction part $\rightarrow 1$ whole $\rightarrow 10$	Fraction part $\rightarrow 1$ whole $\rightarrow 100$



100-dollar bill

one tenth
of 100 is 10

$100 \div 10$
is 10

Hundreds

DETAILED ANSWER KEY

$100 \div 10$	$10 \div 10$	$1 \div 10$	$0.1 \div 10$	$0.01 \div 10$
is 10	is 1	is 0.1	is 0.01	is 0.001
Hundreds	Tens	Ones	Tenths	Hundredths
$100 \div 10$	$10 \div 10$	$1 \div 10$	$0.1 \div 10$	$0.01 \div 10$

If you move to the right one place, the value decreases by 10.