

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!

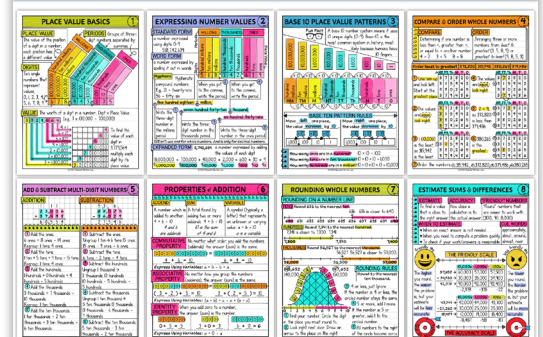
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

65
Set 5

DIVIDE BY POWERS OF 10

[Decimal Numbers]

	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths
$\begin{array}{r} 7.4 \\ \downarrow \downarrow \downarrow \\ \div 1 = 7.4 \end{array}$	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●			
$\div 10 = 0.74$		● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●		
$\div 100 = 0.074$			● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●	
$\div 1,000 = 0.0074$				● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●

$\div 10^2$ [100] $7.4 \div 100 = 0.074$

$\div 10^3$ [1,000] $7.4 \div 1,000 = 0.0074$

$\div 10^4$ [10,000] $7.4 \div 10,000 = 0.00074$

Each digit shifts right **2 places**

Each digit shifts right **3 places**

Each digit shifts right **4 places**

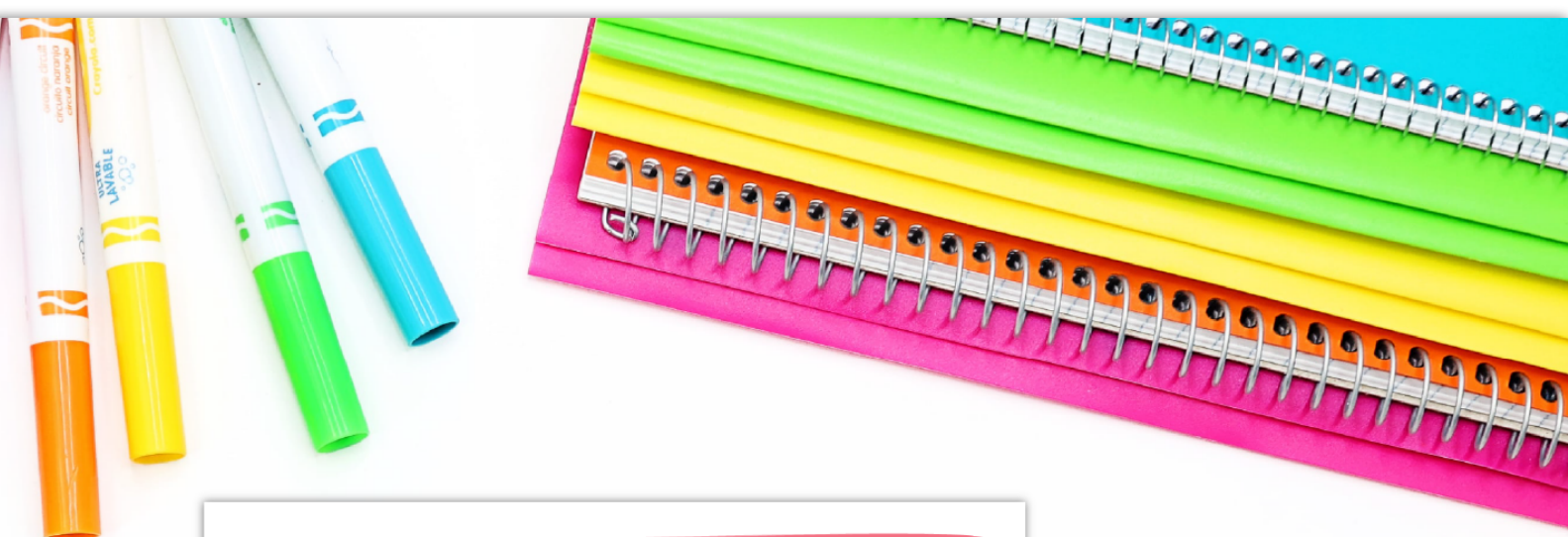
	H	T	O	T th	H th	TH th
$346 \div 10^0 =$	3	4	6			
$346 \div 10^1 =$		3	4	6		
$346 \div 10^2 =$			3	4	6	
$346 \div 10^3 =$				3	4	6

	T	O	T th	H th	TH th	TT th	HT th
$23.8 \div 10^1 =$	2	3	8				
$23.8 \div 10^2 =$	0	2	3	8			
$23.8 \div 10^3 =$	0	0	2	3	8		
$23.8 \div 10^4 =$	0	0	0	2	3	8	

$0.7 \div 10^0 = 0.7$	$5.24 \div 10^0 = 5.24$	$45 \div 10^1 = 4.5$
$0.7 \div 10^1 = 0.07$	$5.24 \div 10^1 = 0.524$	
$0.7 \div 10^2 = 0.007$	$5.24 \div 10^2 = 0.0524$	
$0.7 \div 10^3 = 0.0007$	$5.24 \div 10^3 = 0.00524$	$45 \div 10^4 = 0.0045$

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GRADE 5



DIVIDE BY POWERS OF 10 65 Set 5

[Decimal Numbers]

	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths
$7.4 \div 1 = 7.4$	●●●●●	●●●●●			
$7.4 \div 10 = 0.74$		●●●●●	●●●●●		
$7.4 \div 100 = 0.074$			●●●●●	●●●●●	
$7.4 \div 1,000 = 0.0074$				●●●●●	●●●●●

$\div 10^2$ [100]
 $7.4 \div 100 = 0.074$

$\div 10^3$ [1,000]
 $7.4 \div 1,000 = 0.0074$

Each digit shifts right **2** places

Each digit shifts right **3** places

DIVIDE BY POWERS OF 10 65 Set 5

[Decimal Numbers]

	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths
$7.4 \div 1 = 7.4$	●●●●●	●●●●●			
$7.4 \div 10 = 0.74$		●●●●●	●●●●●		
$7.4 \div 100 = 0.074$			●●●●●	●●●●●	
$7.4 \div 1,000 = 0.0074$				●●●●●	●●●●●

$\div 10^2$ [100]
 $7.4 \div 100 = 0.074$

$\div 10^3$ [1,000]
 $7.4 \div 1,000 = 0.0074$

Each digit shifts right **2** places

Each digit shifts right **3** places

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



$0.7 \div 10^0 = 0.7$	$5.24 \div 10^0 = 5.24$	$45 \div 10^0 = 45$
$0.7 \div 10^1 = 0.07$	$5.24 \div 10^1 = 0.524$	$45 \div 10^1 = 4.5$
$0.7 \div 10^2 = 0.007$	$5.24 \div 10^2 = 0.0524$	$45 \div 10^2 = 0.45$
$0.7 \div 10^3 = 0.0007$	$5.24 \div 10^3 = 0.00524$	$45 \div 10^3 = 0.045$

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$0.7 \div 10^2 = 0.007$	$5.24 \div 10^2 = 0.0524$	$45 \div 10^2 = 0.45$
$0.7 \div 10^3 = 0.0007$	$5.24 \div 10^3 = 0.00524$	$45 \div 10^3 = 0.045$

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DIVIDE BY POWERS OF 10 (65)

[Decimal Numbers]

	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths
$\div 1 =$ 7.4	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●			
$\div 10 =$ 0.74		● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●		

65
Set 3

-[Decimal Numbers]

	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths
$\div 1 =$ 7.4	7	4			
$\div 10 =$ 0.74		7	4		

0.074 Each digit shifts right 2 places

0.0074 Each digit shifts right 3 places

Each digit shifts right 4 places.

[illegible]

MacBook Pro

DIVIDE BY POWERS OF 10

65
Set 5

	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths
$7.4 \div 1 = 7.4$	○○○○○ ○○	○○○○			
$7.4 \div 10 = 0.74$		○○○○○ ○○	○○○○		
$7.4 \div 100 = 0.074$			○○○○○ ○○	○○○○	
$7.4 \div 1,000 = 0.0074$				○○○○○ ○○	○○○○

$\div 10^2$

$\div 10^3$

$\div 10^4$

$7.4 \div 100 = 0.074$ Each digit shifts

DETAILED
ANSWER KEY

$346 \div 10^0 = 346$

$346 \div 10^1 = 34.6$

$346 \div 10^2 = 3.46$

$346 \div 10^3 = 0.346$

$23.8 \div 10^1 = 2.38$

$23.8 \div 10^2 = 0.238$

$23.8 \div 10^3 = 0.0238$

$23.8 \div 10^4 = 0.00238$

$0.7 \div 10^0 = 0.7$

$0.7 \div 10^1 = 0.07$

$0.7 \div 10^2 = 0.007$

$0.7 \div 10^3 = 0.0007$

$5.24 \div 10^0 = 5.24$

$5.24 \div 10^1 = 0.524$

$5.24 \div 10^2 = 0.0524$

$5.24 \div 10^3 = 0.00524$

$45 \div 10^1 = 4.5$

$45 \div 10^2 = 0.45$

$45 \div 10^3 = 0.045$

$45 \div 10^4 = 0.0045$