

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!

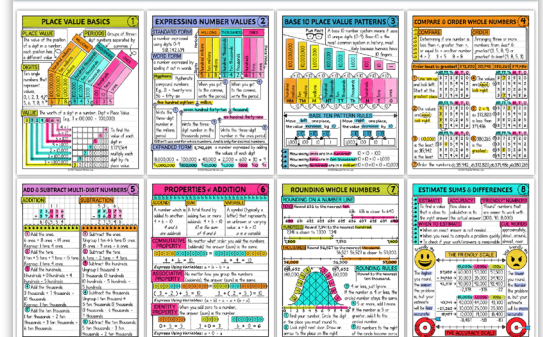
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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



DIVIDE BY POWERS OF 10

19

Set 5

[Whole Numbers]

	Ten Thousands 10^4	Thousands 10^3	Hundreds 10^2	Tens 10^1	Ones 10^0
$\div 1 =$ 74,000	●●●●● ●●●●●	●●●●● ●●●●●			
$\div 10 =$ 7,400		●●●●● ●●●●●	●●●●● ●●●●●		
$\div 100 =$ 740			●●●●● ●●●●●	●●●●● ●●●●●	
$\div 1,000 =$ 74				●●●●● ●●●●●	●●●●● ●●●●●

$\div 10^2$ [100] : 4 zeros - 2 zeros = 2 zeros : Each digit shifts right 2 places

$\div 10^3$ [1,000] : 4 zeros - 3 zeros = 1 zero : Each digit shifts right 3 places

$\div 10^4$ [10,000] : 4 zeros - 4 zeros = 0 zeros : Each digit shifts right 4 places

$740,000 \div 100 = 7,400$

$740,000 \div 1,000 = 740$

$740,000 \div 10,000 = 74$

	H	T	T	T	H	T	O
$460,000 \div 10^0 =$	4	6	0	0	0	0	
$460,000 \div 10^1 =$		4	6	0	0	0	
$460,000 \div 10^2 =$			4	6	0	0	
$460,000 \div 10^3 =$				4	6	0	

	H	T	T	T	H	T	O
$147,000 \div 10^0 =$	1	4	7	0	0	0	
$147,000 \div 10^1 =$		1	4	7	0	0	
$147,000 \div 10^2 =$			1	4	7	0	
$147,000 \div 10^3 =$				1	4	7	

$524,000 \div 10^0 = 524,000$

$524,000 \div 10^1 = 52,400$

$524,000 \div 10^2 = 5,240$

$524,000 \div 10^3 = 524$

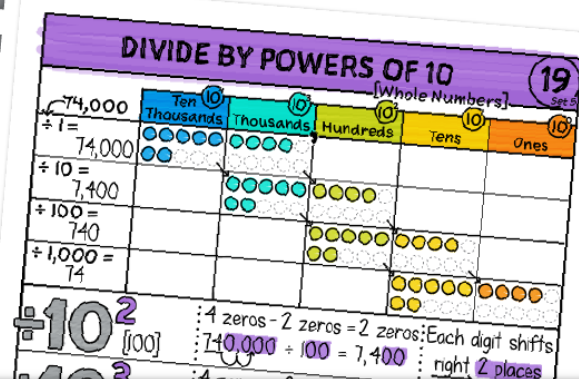
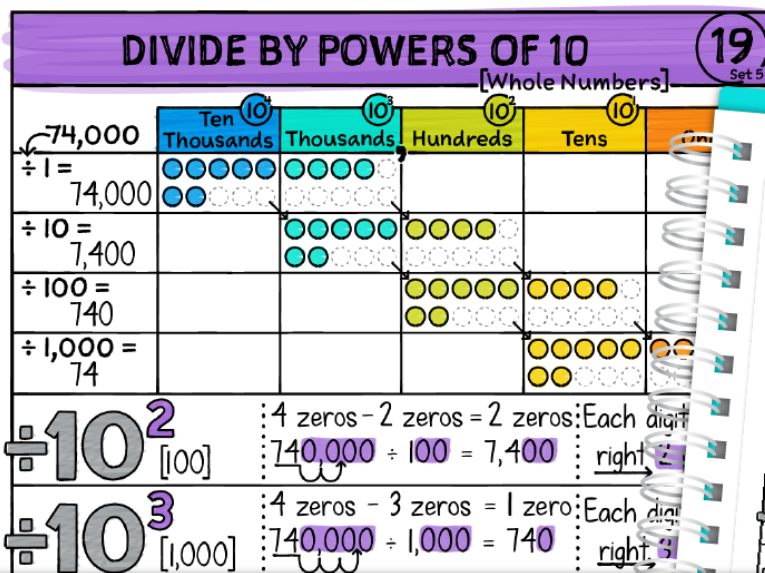
$230,000 \div 10^1 = 23,000$

$230,000 \div 10^2 = 2,300$

$230,000 \div 10^3 = 230$

$230,000 \div 10^4 = 23$

GRADE 5



**2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK**

$524,000 \div 10^0 = 524,000$
 $524,000 \div 10^1 = 52,400$
 $524,000 \div 10^2 = 5,240$
 $524,000 \div 10^3 = 524$

$230,000 \div 10^1 = 23,000$
 $230,000 \div 10^2 = 2,300$
 $230,000 \div 10^3 = 230$
 $230,000 \div 10^4 = 23$

$524,000 \div 10^2 = 5,240$
 $524,000 \div 10^3 = 524$

$230,000 \div 10^2 = 2,300$
 $230,000 \div 10^3 = 230$
 $230,000 \div 10^4 = 23$

DIVIDE BY POWERS OF 10

[Whole Numbers]

	Ten Thousands	Thousands	Hundreds	Tens	Ones
$\div 1 =$	74,000				
$\div 10 =$	7,400				

19

591

74,000 : 100 = 740
 740 : 10 = 74
 74 : 10 = 7.4
 7.4 : 10 = 0.74
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 0.0074 : 10 = 0.00

DIVIDE BY POWERS OF 10

19
Set 5

	Ten ¹⁰ Thousands	Thousands ^{10³}	Hundreds ^{10²}	Tens ^{10¹}	Ones ^{10⁰}
$\div 1 =$ 74,000	oooo oo	oooo			
$\div 10 =$ 7,400		oooo oo	oooo		
$\div 100 =$ 740			oooo oo	oooo	
$\div 1,000 =$ 74				oooo oo	oooo

$\div 10^2$
100

4 zeros - 2 zeros = 2 zeros
Each digit shifts 2 places
 $740,000 \div 100 = 7,400$

$\div 10^3$
1,000

$\div 10^4$
10,000

DETAILED ANSWER KEY

	H	T	H	T	H	T	O
$460,000 \div 10^0 =$	4	6	0	0	0	0	0
$460,000 \div 10^1 =$		4	6	0	0	0	0
$460,000 \div 10^2 =$			4	6	0	0	0
$460,000 \div 10^3 =$				4	6	0	0

	H	T	H	T	H	T	O
$147,000 \div 10^0 =$	1	4	7	0	0	0	0
$147,000 \div 10^1 =$		1	4	7	0	0	0
$147,000 \div 10^2 =$			1	4	7	0	0
$147,000 \div 10^3 =$				1	4	7	0

$524,000 \div 10^0 = 524,000$
 $524,000 \div 10^1 = 52,400$
 $524,000 \div 10^2 = 5,240$
 $524,000 \div 10^3 = 524$

$230,000 \div 10^1 = 23,000$
 $230,000 \div 10^2 = 2,300$
 $230,000 \div 10^3 = 230$
 $230,000 \div 10^4 = 23$