

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!

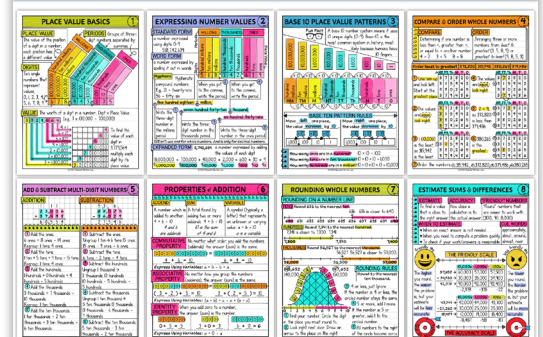
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

LONG DIVISION and PLACE VALUE 16

Set 5

DIVISOR

The number that divides a given number

DIVIDEND

The number that is divided by the divisor

QUOTIENT

The result/ answer of a division problem

234R2

4) 938

quotient

$938 \div 4 = 234 \text{ R}2$

divisor dividend

$\text{dividend} \div \text{divisor} = \text{quotient}$

	2	3	4	R	2
4	9	3	8		
-	8	0	0		
	1	3	0		
-	1	2	0		
		1	8		
		-	1	6	
			2		

HUNDREDS

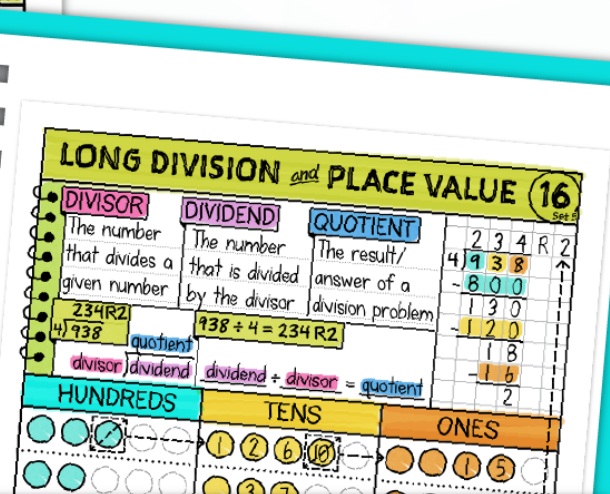
TENS

ONES

● ● ● ●	● ● ● ●	● ● ● ●
● ● ● ●	● ● ● ●	● ● ● ●
● ● ● ●	● ● ● ●	● ● ● ●
● ● ● ●	● ● ● ●	● ● ● ●

- 1 Divide the hundreds by 4: $9 \text{ hundreds} \div 4 = 2 \text{ hundreds}$ with 1 hundred left over
- 2 Ungroup the hundred: $1 \text{ hundred} = 10 \text{ tens}$
- 3 Add the tens: $3 \text{ tens} + 10 \text{ tens} = 13 \text{ tens}$
- 4 Divide the tens by 4: $13 \text{ tens} \div 4 = 3 \text{ tens}$ with 1 ten left over
- 5 Ungroup the ten: $1 \text{ ten} = 10 \text{ ones}$
- 6 Add the ones: $8 \text{ ones} + 10 \text{ ones} = 18 \text{ ones}$
- 7 Divide the ones by 4: $18 \text{ ones} \div 4 = 4 \text{ ones}$
- 8 Place the remainder 2 left over ones in the quotient.

GRADE 5



⑧ Place the remainder 2 left over ones in the quotient.

- 1 Divide the hundreds by 4: $9 \text{ hundreds} \div 4 = 2 \text{ hundreds}$ with 1 hundred left over
- 2 Ungroup the hundred: 1 hundred = 10 tens
- 3 Add the tens: 3 tens + 10 tens = 13 tens
- 4 Divide the tens by 4: 13 tens $\div 4 = 3 \text{ tens}$ with 1 ten left over
- 5 Ungroup the ten: 1 ten = 10 ones
- 6 Add the ones: 8 ones + 10 ones = 18 ones
- 7 Divide the ones by 4: 18 ones $\div 4 = 4 \text{ ones}$ with 2 ones left over
- 8 Place the remainder 2 left over ones in the quotient.

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$\text{dividend} \div \text{divisor} = \text{quotient}$

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4	9	3	8		
-	8	0	0		
	1	3	0		
-	1	2	0		
		1	8		
-		1	6		
			2		

HUNDREDS

TENS

ONES



DETAILED ANSWER KEY

- Divide the hundreds: $9 \text{ hundreds} \div 4 = 2 \text{ hundreds}$ with 1 hundred left over
- Ungroup the hundred: 1 hundred = 10 tens
- Add the tens: 3 tens + 10 tens = 13 tens
- Divide the tens by 4: 13 tens $\div 4 = 3$ tens with 1 ten left over
- Ungroup the ten: 1 ten = 10 ones
- Add the ones: 8 ones + 10 ones = 18 ones
- Divide the ones by 4: 18 ones $\div 4 = 4 ones with 2 ones left over$
- Place the remainder 2 left over ones in the quotient.