

# MATH SKETCH NOTES

## MATH SKETCH NOTES

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!

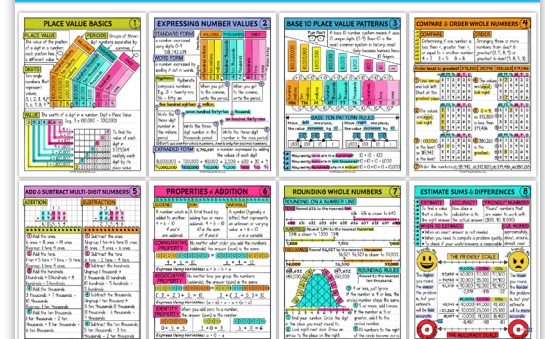
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

## 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

## ADD & SUBTRACT MULTI-DIGIT NUMBERS

5

Set 5

### ADDITION

$$\begin{array}{r} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \hline \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \end{array}$$

① Add the ones.

$$6 \text{ ones} + 8 \text{ ones} = 14 \text{ ones}$$

Regroup: 1 tens 4 ones

② Add the tens.

$$1 \text{ ten} + 5 \text{ tens} + 9 \text{ tens} = 15 \text{ tens}$$

Regroup: 1 tens 5 ones

③ Add the hundreds.

$$1 \text{ hundreds} + 0 \text{ hundreds} + 4 \text{ hundreds} = 5 \text{ hundreds}$$

④ Add the thousands.

$$3 \text{ thousands} + 7 \text{ thousands} = 10 \text{ thousands}$$

Regroup: 1 ten thousands  
0 thousands

⑤ Add the ten thousands.

$$1 \text{ ten thousands} + 2 \text{ ten thousands} + 3 \text{ ten thousands} = 6 \text{ ten thousands}$$

### SUBTRACTION

$$\begin{array}{r} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ - \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \hline \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \end{array}$$

① Subtract the ones.

Ungroup 1 ten  $\rightarrow$  6 tens 15 ones

$$15 \text{ ones} - 9 \text{ ones} = 6 \text{ ones}$$

② Subtract the tens.

$$6 \text{ tens} - 2 \text{ tens} = 4 \text{ tens}$$

③ Subtract the hundreds.

Ungroup 1 thousand  $\rightarrow$

3 thousands 10 hundreds

$$10 \text{ hundreds} - 5 \text{ hundreds} =$$

5 hundreds

④ Subtract the thousands.

Ungroup 1 ten thousand  $\rightarrow$

5 ten thousands 13 thousands

$$13 \text{ thousands} - 6 \text{ thousands} =$$

7 thousands

⑤ Sub

$$5 \text{ ten thousands} - 2 \text{ ten thousands} =$$

3 ten thousands

GRADE 5

## ADD & SUBTRACT MULTI-DIGIT NUMBERS 5

### ADDITION

$$\begin{array}{r} \phantom{0}2\phantom{0}3\phantom{0}0\phantom{0}5\phantom{0}6 \\ + \phantom{0}3\phantom{0}7\phantom{0}4\phantom{0}9\phantom{0}8 \\ \hline 6\phantom{0}0\phantom{0}5\phantom{0}5\phantom{0}4 \end{array}$$

- ① Add the ones.  
6 ones + 8 ones = 14 ones  
Regroup: 1 tens 4 ones
- ② Add the tens.  
1 ten + 5 tens + 9 tens = 15 tens  
Regroup: 1 tens 5 ones
- ③ Add the hundreds.

### SUBTRACTION

$$\begin{array}{r} \phantom{0}5\phantom{0}3\phantom{0}6 \\ - \phantom{0}3\phantom{0}6\phantom{0}5\phantom{0}2\phantom{0}9 \\ \hline 2\phantom{0}7\phantom{0}5\phantom{0}4\phantom{0}6 \end{array}$$

- ① Subtract the ones.  
Ungroup 1 ten → 6 tens 15 ones  
15 ones - 9 ones = 6 ones
- ② Subtract the tens.  
6 tens - 2 tens = 4 tens
- ③ Subtract the hundreds.

## ADD & SUBTRACT MULTI-DIGIT NUMBERS 5

### ADDITION

$$\begin{array}{r} \phantom{0}2\phantom{0}3\phantom{0}0\phantom{0}5\phantom{0}6 \\ + \phantom{0}3\phantom{0}7\phantom{0}4\phantom{0}9\phantom{0}8 \\ \hline 6\phantom{0}0\phantom{0}5\phantom{0}5\phantom{0}4 \end{array}$$

- ① Add the ones.  
6 ones + 8 ones = 14 ones  
Regroup: 1 tens 4 ones
- ② Add the tens.  
1 ten + 5 tens + 9 tens = 15 tens

### SUBTRACTION

$$\begin{array}{r} \phantom{0}5\phantom{0}3\phantom{0}6 \\ - \phantom{0}3\phantom{0}6\phantom{0}5\phantom{0}2\phantom{0}9 \\ \hline 2\phantom{0}7\phantom{0}5\phantom{0}4\phantom{0}6 \end{array}$$

- ① Subtract the ones.  
Ungroup 1 ten → 6 tens 15 ones  
15 ones - 9 ones = 6 ones
- ② Subtract the tens.

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



⑤ Add the ten thousands.  
1 ten thousands + 2 ten thousands + 3 ten thousands = 6 ten thousands.

1 thousands  
⑤ Subtract the ten thousands.  
5 ten thousands - 3 ten thousands = 2 ten thousands.

1 thousands + 3 ten thousands = 6 ten thousands.

⑤ Subtract the ten thousands.  
5 ten thousands - 3 ten thousands = 2 ten thousands.

# STEP-BY-STEP POWERPOINT

## ADD & SUBTRACT MULTI-DIGIT NUMBERS <sup>5</sup>

### ADDITION

$$\begin{array}{r} \phantom{0}2\phantom{0}3\phantom{0}0\phantom{0}5\phantom{0}6 \\ + \phantom{0}3\phantom{0}7\phantom{0}4\phantom{0}9\phantom{0}8 \\ \hline \phantom{0}6\phantom{0}0\phantom{0}5\phantom{0}5\phantom{0}4 \end{array}$$

### SUBTRACTION

$$\begin{array}{r} \phantom{0}5\phantom{0}3\phantom{0}0\phantom{0}7\phantom{0}5 \\ - \phantom{0}3\phantom{0}6\phantom{0}5\phantom{0}2\phantom{0}9 \\ \hline \phantom{0}2\phantom{0}7\phantom{0}5\phantom{0}4\phantom{0}6 \end{array}$$

hundreds = 5 hundreds

④ Add the thousands.

3 thousands + 7 thousands =

10 thousands

Regroup: 1 ten thousands

0 thousands

⑤ Add the ten thousands.

1 ten thousands + 2 ten

thousands + 3 ten thousands =

6 ten thousands.

10 hundreds - 5 hundreds =

5 hundreds

④ Subtract the thousands

Ungroup 1 ten thousand →

5 ten thousands 13 thousands

13 thousands - 6 thousands =

7 thousands

⑤ Subtract the ten thousands.

5 ten thousands - 3 ten

thousands = 2 ten thousands

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MacBook Pro

# ADD & SUBTRACT MULTI-DIGIT NUMBERS 5

Set 5

## ADDITION

$$\begin{array}{r} \phantom{0}1 \phantom{0}1 \phantom{0}1 \\ 23,056 \\ + 37,498 \\ \hline 60,554 \end{array}$$

① Add the ones.

$$6 \text{ ones} + 8 \text{ ones} = 14 \text{ ones}$$

Regroup: 1 tens 4 ones

② Add the tens.

$$1 \text{ ten} + 5 \text{ tens}$$

Regroup: 1 ten

③ Add the hundreds.

$$1 \text{ hundred} + 0 \text{ hundreds}$$

$$= 5 \text{ hundreds}$$

④ Add the thousands.

$$3 \text{ thousands} + 7 \text{ thousands} = 10 \text{ thousands}$$

Regroup: 1 ten thousands  
0 thousands

⑤ Add the ten thousands.

$$1 \text{ ten thousands} + 2 \text{ ten thousands} + 3 \text{ ten thousands} = 6 \text{ ten thousands}$$

## SUBTRACTION

$$\begin{array}{r} \phantom{0}5 \phantom{0}3 \phantom{0}1 \phantom{0}6 \\ 64,075 \\ - 36,529 \\ \hline 27,546 \end{array}$$

① Subtract the ones.

Ungroup 1 ten  $\rightarrow$  6 tens 15 ones

$$15 \text{ ones} - 9 \text{ ones} = 6 \text{ ones}$$

② Subtract the tens.

# DETAILED ANSWER KEY

5 hundreds

④ Subtract the thousands.

Ungroup 1 ten thousand  $\rightarrow$   
5 ten thousands 13 thousands  
13 thousands - 6 thousands =  
7 thousands

⑤ Subtract the ten thousands.

$$5 \text{ ten thousands} - 3 \text{ ten thousands} = 2 \text{ ten thousands}$$