

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!

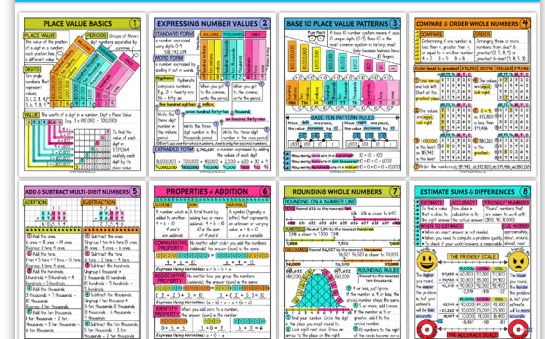
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

ESTIMATE SUMS & DIFFERENCES

8

Set 5

ESTIMATE

To find a value that is close to the right answer

ACCURACY

How close a calculation is to the actual answer

"FRIENDLY" NUMBERS

"Round" numbers that are easier to work with (300, 90, 8,000)

WHEN TO ESTIMATE

- ★ When an exact answer is not needed
- ★ When you need to compute a problem quickly
- ★ To check if your work/answers is reasonable

CUE WORDS

approximately, about, around, almost, near



The higher you round, the easier the problem is, but your estimate will be less accurate.

THE FRIENDLY SCALE

	10,000s	1,000s	100s
57,458 →	60,000	57,000	57,500
+ 34,920 →	30,000	35,000	34,900
92,378 →	90,000	92,000	92,400
	-2,378	-378	-22

	10,000s	1,000s	100s
43,749 →	40,000	44,000	43,700
- 25,262 →	30,000	25,000	25,300
18,487 →	10,000	19,000	18,400
	-8,487	-5	



The lower you round, the harder the problem is, but your estimate will be more accurate.



THE ACCURACY SCALE

GRADE 5

ESTIMATE SUMS & DIFFERENCES

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Set 5

ESTIMATE

To find a value that is close to the right answer

ACCURACY

How close a calculation is to the actual answer

"FRIENDLY" NUMBERS

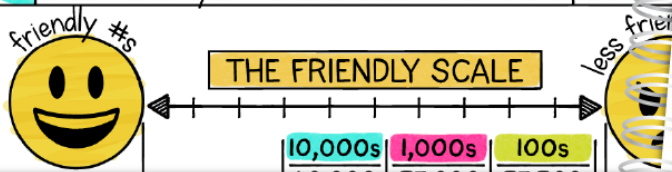
"Round" numbers that are easier to work with (300, 90, 8,000)

WHEN TO ESTIMATE

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ESTIMATE SUMS & DIFFERENCES

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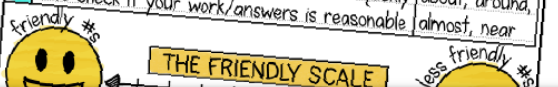
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WHEN TO ESTIMATE

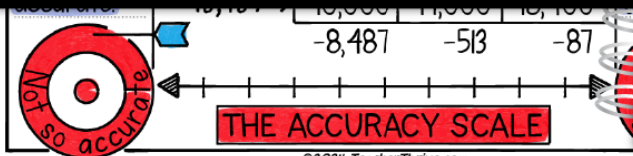
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CUE WORDS

approximately, about, around, almost, near



2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



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ESTIMATE SUMS & DIFFERENCES 8

ESTIMATE	ACCURACY	"FRIENDLY" NUMBERS
To find a value that is close to the right answer	How close a calculation is to the actual answer	"Round" numbers that are easier to work with (300, 90, 8,000)

CUE WORDS

needed, problem quickly, is reasonable, approximately, about, around, almost, near

SCALE

1000s	100s
7,000	57,500
35,000	34,900
92,378 → 90,000	92,000
-2,378	-378
	-22



The lower you round, the harder the problem is, but your estimate will be more accurate.

you round, the easier the problem is, but your estimate will be less accurate.

10,000s	1,000s	100s
43,749 → 40,000	44,000	43,700
-25,262 → 30,000	25,000	25,300
18,487 → 10,000	19,000	18,400
	-8,487	-513
		-87



THE ACCURACY SCALE



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MacBook Pro

STEP-BY-STEP POWERPOINT

ESTIMATE SUMS & DIFFERENCES

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Set 5

ESTIMATE

To find a value that is close to the right answer

ACCURACY

How close a calculation is to the actual answer

"FRIENDLY" NUMBERS

"Round" numbers that are easier to work with (300, 90, 8,000)

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- ★ When an exact answer is not needed
- ★ When you need to compute a problem quickly
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CUE WORDS

approximately, about, around, almost, near



The higher you round, the easier the problem is, but your estimate will be less accurate.



DETAILED ANSWER KEY

	10,000s	1,000s	100s
43,744 →	40,000	44,000	43,700
-25,262 →	30,000	25,000	25,300
18,487 →	10,000	19,000	18,400
	-8,487	-513	-87

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THE ACCURACY SCALE

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