

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!

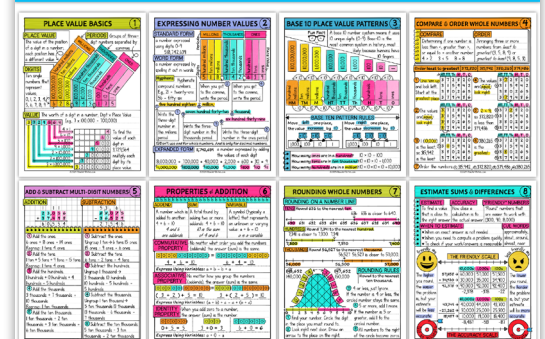
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

NUMERICAL EXPRESSIONS

26

Set 5

EXPRESSIONS...

Have NO equal signs

$$6 \times 9 - 8$$

$$(24 + 6) \div 3$$

VS.

EQUATIONS...

HAVE equal signs

$$6 \times 9 - 8 = 46$$

$$(24 + 6) \div 3 = 10$$

Key Words & Phrases for Written Expressions

ADDITION

⊕ more than ⊕ added to ⊕ plus
⊕ increase ⊕ sum ⊕ total

SUBTRACTION

⊖ less than ⊖ subtracted ⊖ fewer
⊖ decrease ⊖ difference ⊖ minus

MULTIPLICATION

⊗ multiplied by ⊗ times ⊗ double
⊗ product ⊗ twice ⊗ triple

DIVISION

÷ divided by ÷ quotient ÷ split
÷ half/third ÷ goes into ÷ shared



Word Phrase		Equation	
		Expression	Answer
①	8 more than the product of 6 and 9	$6 \times 9 + 8$	$= 62$
②	3 less than the product of 8 and 7	$8 \times 7 - 3$	$= 53$
③	4 added to the quotient of 42 divided by 6	$42 \div 6 + 4$	$= 11$
④	9 times the difference between 12 and 7	$(12 - 7) \times 9$	$= 45$
⑤	4 less than 16 split into 6 equal groups	$(16 - 4) \div 6$	$= 2$
⑥	Triple the sum of 7 and 5	$3 \times (7 + 5)$	$= 36$
⑦	Half of the total of 12 plus 8		
⑧	Subtract 7 from the sum of 34 and 3		
⑨	A third of 4 multiplied by 9		

GRADE 5

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⊕ increase ⊕ sum ⊕ total

MULTIPLICATION

⊗ multiplied by ⊗ times ⊗ double

⊗ product ⊗ twice ⊗ triple

SUBTRACTION

⊖ less than ⊖ subtracted

⊖ decrease ⊖ difference

DIVISION

÷ divided by ÷ quotient

÷ half/third ÷ goes into

NUMERICAL EXPRESSIONS

26
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⊗ multiplied by ⊗ times

SUBTRACTION

⊖ less than ⊖ subtracted

⊖ decrease ⊖ difference

DIVISION

÷ divided by ÷ quotient

2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



⑥ Triple the sum of 7 and 5

⑦ Half of the total of 12 plus 8

⑧ Subtract 7 from the sum of 34 and 3

⑨ A third of 4 multiplied by 9

$$3 \times (7 + 5)$$

$$(12 + 8) \div 2$$

$$34 + 3 - 7$$

$$(4 \times 9) \div 3$$

⑧ Subtract 7 from the sum of 34 and 3

⑨ A third of 4 multiplied by 9

$$(12 + 8) \div 2 = 10$$

$$34 + 3 - 7 = 30$$

$$(4 \times 9) \div 3 = 12$$

STEP-BY-STEP POWERPOINT

NUMERICAL EXPRESSIONS 26

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VS.

EQUATIONS...

HAVE equal signs

$$6 \times 9 - 8 = 46$$

$$(24 + 6) \div 3 = 10$$

Written Expressions

Subtraction

less than $\ominus$ subtracted $\ominus$ fewer
decrease $\ominus$ difference $\ominus$ minus

Division

divided by $\div$ quotient $\div$ split
half/third $\div$ goes into $\div$ shared



Equation

Word Phrase

- 1 8 more than the product of 6 and 9
- 2 3 less than the product of 8 and 7
- 3 4 added to the quotient of 42 divided by 6
- 4 9 times the difference between 12 and 7
- 5 4 less than 16 split into 6 equal groups
- 6 Triple the sum of 7 and 5
- 7 Half of the total of 12 plus 8
- 8 Subtract 7 from the sum of 34 and 3
- 9 A third of 4 multiplied by 9

Expression

Expression	Answer
$6 \times 9 + 8$	62
$8 \times 7 - 3$	53
$42 \div 6 + 4$	11
$(12 - 7) \times 9$	45
$(16 - 4) \div 6$	2
$3 \times (7 + 5)$	36
$(12 + 8) \div 2$	10
$34 + 3 - 7$	30
$(4 \times 9) \div 3$	12

MacBook Pro

NUMERICAL EXPRESSIONS

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ADDITION

⊕ more than ⊕ added to ⊕ plus
⊕ increase ⊕ sum ⊕ total

SUBTRACTION

⊖ less than ⊖ subtracted ⊖ fewer
⊖ decrease ⊖ difference

MULTIPLICATION

⊗ multiplied by
⊗ product

DETAILED ANSWER KEY

1	8 more than the product of 6 and 9	$6 \times 9 + 8$	=	62
2	3 less than the product of 8 and 7	$8 \times 7 - 3$	=	53
3	4 added to the quotient of 42 divided by 6	$42 \div 6 + 4$	=	11
4	9 times the difference between 12 and 7	$(12 - 7) \times 9$	=	45
5	4 less than 16 split into 6 equal groups	$(16 - 4) \div 6$	=	2
6	Triple the sum of 7 and 5	$3 \times (7 + 5)$	=	36
7	Half of the total of 12 plus 8	$(12 + 8) \div 2$	=	10
8	Subtract 7 from the sum of 34 and 3	$34 + 3 - 7$	=	30
9	A third of 4 multiplied by 9	$(4 \times 9) \div 3$	=	12