

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!

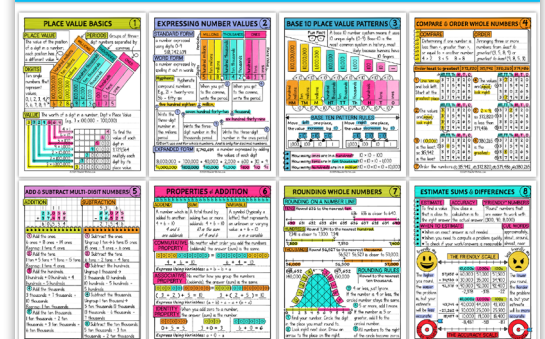
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

ORDER of OPERATIONS

25
Set 5

You must follow a specific order when evaluating (solving) expressions that contain multiple operations. Always operate from left to right.

$$6 + (5 \times 8) \div 4 \times 2 - 3^2$$

$$6 + 40 \div 4 \times 2 - 9$$

$$6 + 10 \times 2 - 9$$

$$6 + 20 - 9$$

$$26 - 9$$

$$17$$

Mnemonic Device

P	E	M	D	A	S
Please	Excuse	My	Dear	Aunt	Sally

Parentheses

P

Grouping symbols:

Parentheses ()

Brackets []

Braces { }

Exponents

E

exponent

$$5^2 = 5 \times 5 = 25$$

$$2^3 = 2 \times 2 \times 2 = 8$$

base

Multiplication

M

$$A \times B = C$$

$$A \cdot B = C$$

Solve $\times$ or $\div$,

whichever

Division

D

comes first from

left to right

Addition

A

$$X + Y = Z$$

$$Y + X = Z$$

Solve $+$ or $-$,

whichever

Subtraction

S

comes first from

$$Z - Y = X$$

GRADE 5

ORDER of OPERATIONS

25
Set 5

You must follow a specific order when evaluating (solving) expressions that contain multiple operations. Always operate from left to right.

$$6 + (5 \times 8) \div 4 \times 2 - 3^2$$

$$6 + 40 \div 4 \times 2 - 3^2$$

$$6 + 40 \div 4 \times 2 - 9$$

$$6 + 10 \times 2 - 9$$

Parentheses

P

Grouping symbols:
Parentheses ()
Brackets []
Braces { }

Exponents

E

exponent
 $5^2 = 5 \times 5 =$
 $2^3 = 2 \times 2 \times$
base

Multiplication

M

$A \times B$
 $A \cdot B$
Solve $\times$
or $\cdot$ which
comes first

ORDER of OPERATIONS

25
Set 5

You must follow a specific order when evaluating (solving) expressions that contain multiple operations. Always operate from left to right.

$$6 + (5 \times 8) \div 4 \times 2 - 3^2$$

$$6 + 40 \div 4 \times 2 - 3^2$$

$$6 + 40 \div 4 \times 2 - 9$$

Parentheses

P

Grouping symbols:
Parentheses ()
Brackets []
Braces { }

Exponents

E

exponent
 $5^2 = 5 \times 5 = 25$
 $2^3 = 2 \times 2 \times 2 = 8$
base

Multiplication

M

$A \times B = C$
 $A \cdot B = C$

2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



STEP-BY-STEP POWERPOINT

ORDER of OPERATIONS

25 sets

You must follow a specific order when evaluating (solving) expressions that contain multiple operations. Always

Parentheses

P

Grouping symbols:
Parentheses ()
Brackets []
Braces { }

Exponents

E

exponent
 $5^2 = 5 \times 5 = 25$
 $2^3 = 2 \times 2 \times 2 = 8$
base

Multiplication

M

$A \times B = C$
 $A \cdot B = C$
Solve $\times$ or $\cdot$,
whichever

Division

D

comes first from
left to right
 B
 $C \div A = B$ A/C

Addition

A

$X + Y = Z$
 $Y + X = Z$
Solve $+$ or $-$,
whichever

Subtraction

S

comes first from
left to right
 $Z - X = Y$
 $Z - Y = X$

Mnemonic Device

P E M D A S
Please Excuse My Dear Aunt Sally

$$6 + 20 - 9$$

$$26 - 9$$

$$17$$

MacBook Pro

ORDER of OPERATIONS

25
Set 5

You must follow a specific order when evaluating (solving) expressions that contain multiple operations. Always operate from left to right.

$$6 + (5 \times 8) \div 4 \times 2 - 3^2$$

$$6 + 40 \div 4 \times 2 - 3^2$$

$$6 + 10$$

$$16$$

$$16 \div 4$$

$$4$$

$$4 \times 2$$

$$8$$

$$26 - 9$$

$$17$$

Mnemonic Device

P E M D A S
Please Excuse My Dear Aunt Sally

Parentheses

P

Grouping symbols:
Parentheses ()
Brackets []
Braces { }

Exponents

E

exponent
 $5^2 = 5 \times 5 = 25$
 $2^3 = 2 \times 2 \times 2 = 8$
base

Division

M

$A \times B = C$

DETAILED ANSWER KEY

Addition

A

$C \div A = B$ $A \sqrt{C}$

$X + Y = Z$

$Y + X = Z$

Solve + or -,
whichever

comes first from
left to right

$Z - X = Y$

$Z - Y = X$

Subtraction

S