

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!

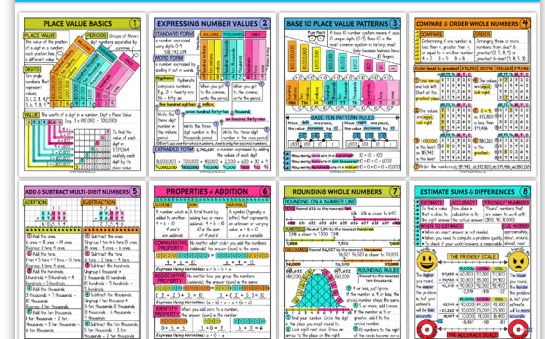
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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



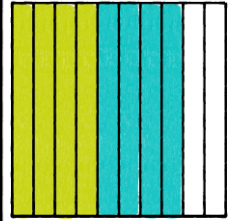
GROWING BUNDLE

MATH SKETCH NOTES

MULTIPLY DECIMAL *and* WHOLE NUMBERS 61 Set 5

THINK
2 groups
of 0.4

$$2 \times 0.4 = 0.8$$



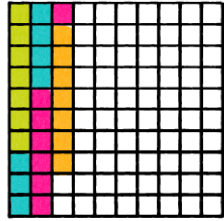
THINK
3 groups
of 0.2

$$0.2 \times 3 = 0.6$$



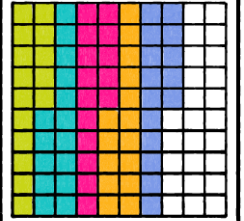
THINK
4 groups
of 0.07

$$4 \times 0.07 = 0.28$$



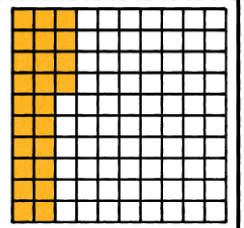
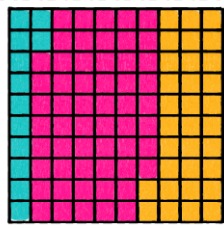
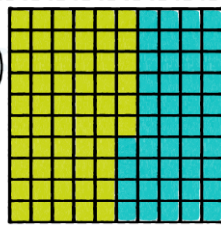
THINK
5 groups
of 0.15

$$0.15 \times 5 = 0.75$$



THINK
4 groups
of 0.56

$$0.56 \times 4 = 2.24$$



STANDARD ALGORITHM

$$\begin{array}{r} 0.56 \\ \times 4 \\ \hline 2.24 \end{array}$$

2 decimal
places

0 decimal
places

2 decimal
places

- ① Line up the lowest places of each factor.
- ② Multiply as if whole numbers, ignoring the decimal points.
- ③ Count the decimal places in both factors.
- ④ Product same # of places as the factors.

$$6 \times 0.35$$

$$\begin{array}{r} 6 \\ \times 0.35 \\ \hline 2.10 \end{array}$$

$$1.253 \times 8$$

$$\begin{array}{r} 1.253 \\ \times 8 \\ \hline 10.024 \end{array}$$

GRADE 5

MULTIPLY DECIMAL *and* WHOLE NUMBERS 61

THINK 2 groups of 0.4 $2 \times 0.4 = 0.8$	THINK 3 groups of 0.2 $0.2 \times 3 = 0.6$	THINK 4 groups of 0.07 $4 \times 0.07 = 0.28$	THINK 5 groups of 0.15 $0.15 \times 5 = 0.75$
THINK 4 groups of 0.56			

MULTIPLY DECIMAL *and* WHOLE NUMBERS 61

THINK 2 groups of 0.4 $2 \times 0.4 = 0.8$	THINK 3 groups of 0.2 $0.2 \times 3 = 0.6$	THINK 4 groups of 0.07 $4 \times 0.07 = 0.28$	THINK 5 groups of 0.15 $0.15 \times 5 = 0.75$
THINK 4 groups			

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



2.24

2 decimal places

Product has the same # of decimal places as the factors.

2.24

2 decimal places

Product has the same # of decimal places as the factors.

1	2	5	3
x	0	0	2
4			

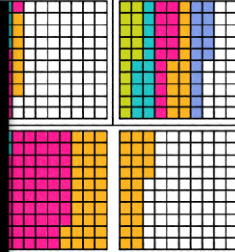
MULTIPLY DECIMAL and WHOLE NUMBERS 61

THINK 2 groups of 0.4
 $2 \times 0.4 = 0.8$

THINK 3 groups of 0.2
 $0.2 \times 3 = 0.6$

THINK 4 groups of 0.07
 $4 \times 0.07 = 0.28$

THINK 5 groups of 0.15
 $0.15 \times 5 = 0.75$



STEP-BY-STEP POWERPOINT

STANDARD ALGORITHM

0.56
 $\times$ 4

 2.24

2 decimal places
 0 decimal places
 2 decimal places

- Line up the lowest places of each factor.
- Multiply as if whole numbers, ignoring the decimal points.
- Count the decimal places in both factors.
- Product has the same # of decimal places as the factors.

6×0.35
 $\begin{array}{r} 6 \\ \times 0.35 \\ \hline 30 \\ 180 \\ \hline 2.10 \end{array}$

1.253×8
 $\begin{array}{r} 1.253 \\ \times 8 \\ \hline 10.024 \end{array}$

MacBook Pro

MULTIPLY DECIMAL and WHOLE NUMBERS (61)

Set 5

THINK
2 groups
of 0.4

$$2 \times 0.4 = 0.8$$



THINK
3 groups
of 0.2

$$0.2 \times 3 = 0.6$$



THINK
4 groups
of 0.07

$$4 \times 0.07 = 0.28$$



THINK
5 groups
of 0.15

$$0.15 \times 5 = 0.75$$



THINK
4 groups
of 0.56

$$0.56 \times 4 = 2.24$$

STANDARD A

0.56

$\times$

4

2.24

2 decimal
places

+

0 decimal
places

=

2 decimal
places

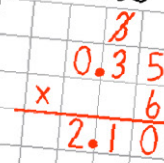
DETAILED ANSWER KEY

places of each factor.
② Multiply as if whole numbers, ignoring the decimal points.

③ Count the decimal places in both factors.

④ Product has the same # of decimal places as the factors.

$$6 \times 0.35$$



$$1253 \times 8$$

