

MATH SKETCH NOTES

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These 3rd-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!

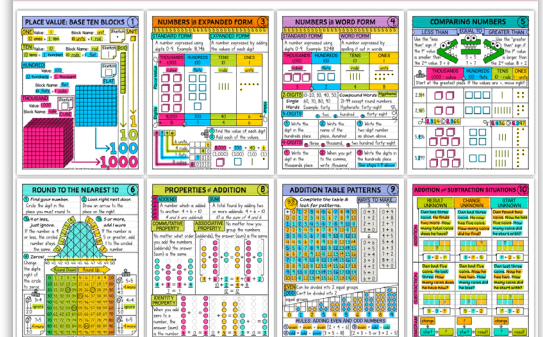
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

**THIRD GRADE MATH
GUIDED SKETCH NOTES**



GROWING BUNDLE!!!

MATH SKETCH NOTES

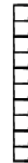
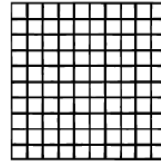
MULTIPLY 1-DIGIT BY MULTIPLES OF 10

26

Set 3

THINK:

8 groups of 30 or
8 groups of 3 tens



30

HUNDREDS

100 - flats

TENS

10 - rods

ONES

1 - units

×

8

240

Regroup: 24 tens = 2 hundred & 4 tens

THINK:

30 is equal to 3×10 ,

THINK:

...so 8×30 is equal to $8 \times 3 \times 10$

$$8 \times 30 = 8 \times 3 \times 10$$

$$6 \times 70 = 6 \times 7 \times 10$$

$$42 \times 10 = 420$$

$$90 \times 5 = 10 \times 9 \times 5$$

$$10 \times 45 = 450$$

$$40 \times 3 = 10 \times 4 \times 3$$

$$10 \times 12 = 120$$

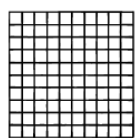
$$7 \times 8$$

GRADE 3

MULTIPLY 1-DIGIT BY MULTIPLES OF 10 ²⁶ Set 3

THINK:
8 groups of 30 or
8 groups of 3 tens

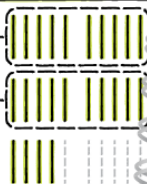
$$\begin{array}{r} 30 \\ \times 8 \\ \hline 240 \end{array}$$



HUNDREDS
100 - flats



TENS
10 - rods

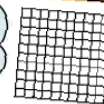


Regroup: 24 tens = 2 hundred & 4 tens

MULTIPLY 1-DIGIT BY MULTIPLES OF 10 ²⁶ Set 3

THINK:
8 groups of 30 or
8 groups of 3 tens

$$\begin{array}{r} 30 \\ \times 8 \\ \hline 240 \end{array}$$



HUNDREDS
100 - flats



TENS
10 - rods

ONES
1 - units



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



$$40 \times 3 = 10 \times 4 \times 3$$

$$10 \times 12 = 120$$

$$7 \times 80 = 7 \times 8 \times 10$$

$$56 \times 10 = 560$$

$$10 \times 12 = 120$$

$$56 \times 10 = 560$$

STEP-BY-STEP POWERPOINT

MULTIPLY 1-DIGIT BY MULTIPLES OF 10 (26)

THINK:
8 groups of 30 or
8 groups of 3 tens

30

TENS
10-rods

ONES
1-units

8 × 30 = 8 × 3 × 10

6 × 70 = 6 × 7 × 10
42 × 10 = 420

40 × 3 = 10 × 4 × 3
10 × 12 = 120

90 × 5 = 10 × 9 × 5
10 × 45 = 450

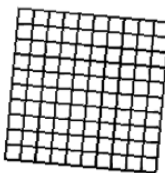
7 × 80 = 7 × 8 × 10
56 × 10 = 560

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MULTIPLY 1-DIGIT BY MULTIPLES OF 10

26
Set 3

THINK:
8 groups of 30 or
8 groups of 3 tens



30

HUNDREDS
100 - flats

TENS
10 - rods

ONES
1 - units

x

8

240

THINK:
30 is equal to

8 x 30 =

**DETAILED
ANSWER KEY**

$$6 \times 70 = 6 \times 7 \times 10$$

$$42 \times 10 = 420$$

$$40 \times 3 = 10 \times 4 \times 3$$

$$10 \times 12 = 120$$

$$90 \times 5 = 10 \times 9 \times 5$$

$$10 \times 45 = 450$$

$$7 \times 80 = 7 \times 8 \times 10$$

$$56 \times 10 = 560$$